



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

Tri-State Amateur Radio Society

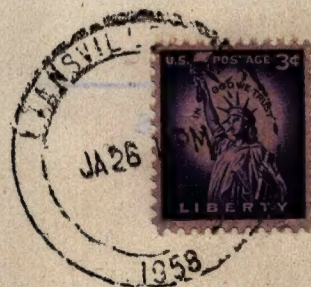
EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana

JAN '58



W49DGA

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

FORGETTING.....I PRESS ON

"Forgetting.....I press on." No better words can be found with which to enter the New Year than these. Words hastily spoken in the heat of temper, hurts inflicted by others that smarted at the time but had no lasting significance except that which our own pride gave them, grumblings, discouragements, failures, the temptations that so easily beset us and the sins to which we fell a prey -- these may well be forgotten with the coming of a New Year -- except for the lessons they taught us. Let no one hang the millstone of the past about his neck. The New Year beckons to new heights.

Author Unknown.

K9EEY and W9RIT have just about completed the building of a home brew kilowatt rig, and beam to go with same. Also have built a voice control to help fill an already overcrowded ham shack. K9AZK has received his Worked All States (WAS) certificate from the ARRL.

W9YFD has received his WASM (Worked All Sweden) certificate. It is award number 978, and no doubt it is the first in Evansville. The certificate is in the form of a colorful clothlet. Nice going Pat.

ARRL Bulletin. DX enthusiasts will be pleased to learn that Rodrigues Island has been added to the ARRL Countries List, applicable both to DXCC and the ARRL International DX competition. Rodrigues Island is located in the Indian Ocean about 375 miles east of Mauritius.

KN9KQV uses Globe Scout transmitter with an NC126 receiver. Ernie Harper W9ZYV has built a small transmitter using a 3V4 tube to go with his SW3 receiver, all this is self powered. K9HVI is stationed at Fort Knox.

K9JAR has moved to Tarrytown NY as General Mills has moved the laboratory for Swans Down Flour there. He uses a DX 100 and a S40A with a Q Multiplier. GB Myron.

RCA

TUBES - PARTS
EQUIPMENT

HALLICHAFTERS

RECEIVERS
IN STOCK

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

AREC

NEWS

By W9WUH

We are all certainly aware of the fact that the past few months have been very quiet, locally, as far as the AREC is concerned. This is a situation that I am sure most of us wish to see changed - and soon!

So -- in the interest of bring about this change and putting our AREC group back on the active list, the following information is submitted by your Emergency Coordinator.

We have approximately fifty members in the Vanderburgh County Amateur Radio Emergency Corps, more that enough to activate the THREE emergency powered base stations that we have available. There are approximately fifteen active mobiles in this county. We have then, the basic ingredients of an emergency communications network, that can be used to assist our community during emergencies. We have trained technicians and equipment available. The problem boils down to, "getting the equipment and the technicians together at the proper time and place."

In order to accomplish this, the city of Evansville has been divided into three control areas. With an emergency powered base station, capable of both local and long haul communications, in each of the three areas. A "Station Manager" with assistants has been appointed for each of the three control areas. All AREC members are assigned to these base stations according to their geographical location.

The station manager will give each member in his area an "Information Card" with his emergency duty assignment written on the card. In this way each member will know what his specific duty is during every alert.

If you live east of US Highway 41 and south of Division street, your base station is the Tri-State amateur Radio Society trailer at 2232 east Powell Street and your station

manager is Clifford McGuyer, W9DGA telephone GR67483.

If you live north of Division Street or between US Highway 41 and Pigeon Creek, your Base station is the Civil Defense Mobile Unit at Division and Governor Streets and your station manager is Albert Schoettlin W9UMS telephone GR70501.

If you live west of Pigeon Creek, your base station is Ronnie Neale's home station at 2421 Carl Avenue, and your station manager is Ronnie Neale, W9VZX telephone HA26729.

We hope to have the regular monthly simulated emergency drills going again by next month. There are a multitude of problems that will have to be worked out on an individual basis. Contact your station manager for your "Emergency Assignment, or your Emergency Coordinator (W9WUH) for additional information.

The success of any venture depends upon the effort and enthusiasm put into it. Lets put our country and county out in front, in the "Emergency Communication picture."

The president, W9RBV suggests that members write letters to companies offering the ARC-4 for sale. You should find out the cost and the condition of the unit. We can set up a good two meter net if enough ARC-4 rigs are available.

ARRL Bulletin. Fifty Mc DX enthusiasts are reminded that ARRL has on file a trophy to be awarded to the first amateur making WAC on 50 Mc. The trophy, donated by the West Palm Beach Radio Club ten years ago, was first announced in 1947. The standard WAC rules apply. At least two men, K6GDI and W6BAZ are known to have worked all continents on 6. The one with the earliest QSL card date will be awarded the trophy. Awarding the trophy will be held up for a reasonable time, in order that any potential winner may be able to obtain confirmation of their contacts. Send your cards in now.

NOTES FROM W9FJI. Many new hams, and some old ones too, do not realize that their KIT form rigs do not or may not have fuses to protect the gear. K9ELE found this out to his sorrow, his DX35 plate switch failed and shorted out, burned up the final tube, transformer and put him off the air. Few fellows can afford to let this happen, the fuse is cheapeat. DO YOU HAVE FUSES?? So many of these rigs also use the switch to turn the rig off and on during transmissions. Naturally I could say use P&B relays. Jan 5, W9UHV after 45 minutes of calling worked KL7MS. He uses a Harvey-Wells which doubles in the final and an NC300. K9EJS at Terre Haute also worked the KL7. Since I am Secretary of the IRCC appreciate your mentioning if the TARS members all are subscribers to the BISON? WHY NOT, is the ONE\$ too much for any Evansville Ham?? And the net directories are a good buy even for the OLD TIMER, its just as Butch said, its what you learn after you know, it all that counts.

TO THE HAMS:

Do you write to the various groups when some matter pertaining to Ham Radio comes up, state your position, advance your opinions?? Do you have auto call letter plates?? If you use a band, do you use the whole band or do you stick to the crowded lower end?

Do you belong to a Ham Club? If you do, are you a GOOD member or do you stand by and take the attitude, OH, LET GEORGE DO IT?? Do you try to boost your club at all times? Go out of your way to see that it gets the most favorable mention by word of mouth or on the local papers? Or do you also let George do it? Do, you help the other fellow to your best ability? Or do you tell him to go see Joe across town?? Basil Thompson, KN9KRN is the newest ham in Winslow, Ind. Basil uses a DX-40 and SX-99 receiver, with his present operating frequency being 3735 Kc, the frequency to be used in the Evansville Novice Net being started by KN9JRI. Callie Jones W9UHV has new Lettine 6 meter transmitter. David Melton who was a TARS member has moved to Florida, where he is KN4SQS at Fort Pierce Florida. David is one of 13 hams in the COUNTY, and ALL belong to, and better still, ALL attend every club meeting. They all use 2 meter gear and David has an Adventurer with S-85 receiver to work his many friends here in Evansville. Joe Hallam, K9AMT has received considerable mention in the Press because of some songs he composed.

73, BCNU on 75 fone??

Fred, W9FJI.

"EVERYTHING IN RADIO AND TV"

HAM GEAR * BOTH NEW AND USED

TRANSMITTERS - RECEIVERS - ANTENNAS - COAXIAL CABLES AND FITTINGS

TUBE CHECKERS - TEST INSTRUMENTS - TUBES - PARTS

"WE TRADE FOR ANYTHING WE CAN SELL"

CASTRUP

1014 WEST FRANKLIN STREET

TARS JANUARY MEETING

TARS REGULAR JANUARY MEETING will be held Wednesday January 29, at the Community Center, 8th and Main sts, starting promptly at 7:30 pm.

W9UMS will present a program that you don't want to miss. The program will be most interesting to all members both young and old. It is a participation type of contest in which all will be asked to participate. Technical knowledge is of no importance. If you have ever read a QST, CQ, or Radio News you may win a nice prize.

The February meeting will be an auction conducted by W9JFJ. Make your plans early to bring gear for the auction. This should be another gala auction which TARS is noted. Be there.

If anyone knows or has worked a new ham in Evansville, please advise the secretary of call, name, etc.

SPARKS STAFF welcomes TARS new members. Theodore Morange, RR#3, Ashley, Illinois, KN9KIM, and Ray Massingham, 503 East Virginia St, Evansville, KN9JQS. Welcome.

The sympathies of TARS and the Evansville amateurs go to John Harkins whose mother died recently. John, W9WUH is EC for our County.

A WORD FROM OUR PRESIDENT

By W9RBV

I know it is customary for the President to forward copy for publication. I regret that I do not have much to offer at this time. As far as I can tell, activities are moving along at the usual pace, however it is my hope that this will be speeded up somewhat in the near future. Prior to our meeting on the 29th, the course should be charted to some extent.

This issue of SPARKS contains a fly leaf containing several questions. I will appreciate each person filling in the answers where they care to. Items which any individual considers

confidential should not be completed. Information obtained will be used in future issues of SPARKS.

A roster of activity chairmen should be completed by next month. This list along with the officers and directors will be presented for publication.

MOBILE NEWS

By W9AIN

Bill W9LGQ mobiled down Florida way on a honeymoon with his XYL. A nice Christmas greeting was received from W5LTD, Bob See who is an Ex-TARS members. W9UNT/6 is frequently heard on 29.6 with W9RBV arraigning visiting with relatives of the family. W9GFS mobile, W9BBN, and W9AIN also was in contact with W9UNT/6 New Years Day.

W9QPD is temporarily working in Evansville for AT&T from his home in Terre Haute and W9BUY is mobile wire stationed at the Evansville State Police Post. W9FGX was heard on 29.6 Mc recently along with W9MCN who was home during the holiday vacation from Purdue. W4CSN is heard mobile in Evansville almost every Saturday. K9HZO mobile is our newest mobile and was heard working W4NUQ in Henderson. W9AJR is very active on 10 the past month. K9ELE is mobile on 6 in Winslow, Vincennes and in Evansville every evening the club meets. W9UMS our new program chairman is active mobile on 29.6 Mc. W9ZZY is active on 10 when time and work permits. W9OG is on regular both mobile and fixed. W9VSD is on both 6 and 10. W9HCE and W9GEO are busy mobile. K9JVC is active on 6.

Our reception on skip is excellent and 20-15-10 we can work almost anything in the way of DX. W9GFS reports Ex-W9KVK was a recent visitor with his XYL and Jr Op. Jerry Yelch, K9EBY mobile worked ZL2MU from in Evansville. W9FJI was heard on 29.6.

ZL2CY looks for mobiles around 29.6 occasionally from 1815 to 1845 CST. Ex-W9UNT is now K6TQZ. W9RBV worked G3IRR on 10 meters. The G3 said he worked W9FHA and W9JFJ. W9RBV heard FUW43/45/48 on 29.6 Mc cw.

TAP DRILL SIZE			
NO. OR SIZE	THREAD PER IN.	DIA. OF HOLE	DRILL SIZE
4	36	.085	44 3/32
6	32	.108	36 7/64
8	32	.134	29 9/64
10	24	.149	25 5/32
12	24	.175	16 3/16
1/4	20	.201	7 13/64
5/16	18	.258	4
3/8	16	.314	5/16
7/16	14	.368	U 3/8
1/2	13	.425	27/64
9/16	12	.481	31/64
5/8	11	.536	17/32
3/4	10	.653	21/32
7/8	9	.767	49/64
1	8	.878	7/8
1-1/8	7	.986	63/64
1-1/4	7	1.111	1-7/64
1-1/2	6	1.338	1-11/64

PIPE TAP SIZE		
PIPE SIZE	THREAD PER INCH	TAP DRILL
1/8	27	11/32
1/4	18	7/16
3/8	18	37/64
1/2	14	23/32
3/4	14	59/64
1	11-1/2	1-5/32
1-1/4	11-1/2	1-1/2
1-1/2	11-1/2	1-47/64

K9AZK has received his CP-25 and almost completed his 6 meter rig. W9YFD received his DXCC 110 sticker. Pats total now stands at 144 worked and 112 confirmed.

ARRL Bulletin. All amateurs are urged to take part in the Seventh Annual Novice Round up to be held February 1 through 16. The winning Novice in each section will be awarded a certificate of achievement. Send a postal card or ham message to ARRL for contest log forms.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA



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FEB 58



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L900A

EVANSVILLE IND.

K9EYD=Joe is active on 20 meters with his 3 element beam. He transmits on a Heath DX35 transmitter and receives on a HQ100 receiver.

Took an informal poll and found that only 2 out of 7 amateurs contacted had the necessary provisions for Conelrad.

By W9WUH

Most of us wish to contribute our time and talents to AREC but we do not always know just what should be done each time there is an emergency or drill. There are some particular jobs that must be done everytime there is an alert if we are to become an effective communications group. In order for us to find out what these jobs are and which one we are best suited to tackle we are planning an alert for Monday Feb 24, at 7:30 pm. This is the first activity of 1958. Each member is asked to report to the control center station in his area to receive his AREC emergency assignment.

[illegible][illegible]

BCA

TUBES = PARTS
EQUIPMENT

HALLICRAFTERS

RECEIVERS
IN STOCK[illegible]

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANT.

OHIO VALLEY
SOUND

20 E. SYCAMORE - $\frac{1}{2}$ BLOCK EAST OF MAIN

[illegible]

Editor, W9DGA; Advertising W9MWM;
Circulation, W9REB.

The deadline for the March issue of SPARKS will be March 11. Please mail your copy to me to be received no later than March 11 to W9DGA, 2900 East Oak Drive, Evansville 14, Indiana. It delays the paper if I have to contact each one individually each month to remind them it is time again for SPARKS copy.

I would like to take this opportunity to thank K9AZK for his new column called "Scanning the Bands". If you have an item or article you would like to have inserted in SPARKS please send it to me.

MOBILE NEWS

By W9AIN

K9EBY has been very active on 10 meter mobile between classes at Evansville College. Jerry reports contacts with Germany, Italy, England, Labrador, Alaska, and New Zealand. He is the son of K9ILL, and EE with SIM&ECO. K9GEO and W9HCE continue to be heard on 29.6 mobile and Jeff has renewed his ARRL membership. W9MJU is active from the shores of his Bass lake out Mt Vernon way.

K6JQZ ex W9UNT still comes through with a good signal but the band went out during a QSO with ye Mobile News editor. W9GFS is a good mobile contact about 530 pm each evening, mobiling in from Owensboro. W4TBU and W4PKX contacted Evansville as a drill requirement. W9REB is out looking for mobile contacts and is very active working into the north west from his fixed station. W9BUY is heard mobile along with W9WUH and W9UMS.

With the sun spots at a maximum now is the time to run up some of the DX contacts while mobile. Any mobile news reported to ye editor over the air, land line GR64238, or at the meetings will be included in our mobile news column. Good mobiling.

With this issue the first page of the TARS DIRECTORY is presented. The object is to take the questionnaire submitted by you and list the stations alphabetically. Each issue will contain one page. If you have not returned your questionnaire please do so immediately. You keep the directory pages as they are published and place them together then at the end you will have a complete directory. It will make good reading material for SPARKS and something worthwhile to keep. If you do not have a blank, just list the information you want shown.

A WORD FROM OUR PRESIDENT

By W9REB

The January issue of SPARKS contains a sheet requesting information. If you returned it and your call is in the first part of the alphabet you will see it listed in this issue. Succeeding issues of SPARKS will complete this list and make possible a nice directory. If you desire operation suggestions and procedures can also be included later. Just a reminder the following are some of those guiding club activities this year. F Gehres Vice-Pres, Walter Smith Secy, Ray Miller Treas, John Alexander, J Harkins, F Sawyer, W Weisling, and G Wiley are directors. R Harpe and A Schoettlin will design and conduct the regular meeting programs. C Nichols will accept your dues and maintain membership records. Sparks is Edited and prepared by C McGuyer and W Riney.

When the weather gets warmer than the present and much before we expect it it will be time for Field Day, Hamfest and other outside activities. A transmitter hunt is now being planned to include the XYLS also. A meeting to plan the coming activities is scheduled for March 13 at the Community Center. Officers, Directors, and Committee Chm and other interested hams are invited. Success of every Club function will depend on you.

NOTES FROM W9FJI. The spring IRCC meeting will be held at Terre Haute on April 27th. Time and exact place will be issued later when plans are more completed. The IRCC is the group of Indiana Amateur Radio Clubs united to promote and advance the art of amateur radio in the state. The IRCC was the guiding force behind the lowering of the amateur auto license plate fees from \$5.00 to the present \$2.00. Every ham in the State who is at all interested in what his fellow hams are doing should be a reader of the BISON, the monthly bulletin of the IRCC. W9MVZ will receive your \$1. per year subscription, a SMALL sum indeed considering what you get, KN9IXD, Butch is the FB Editor, and beginning with the March issue, W9FJI will publish the BISON and mail it to Subscribers. If the dollar is too much, get a buddy to split with you, many do it that way. BE A BOOSTER. Make your plans to be at Terre Haute in April. W9FJI always has a full supply of the FCC forms that you may need for any purpose, 405 for renewal, 610 for modification, 481 to join RACES, and we urge all amateurs who believe that AMATEUR RADIO EXISTS AS A HOBBY BECAUSE OF THE SERVICE IT RENDERS to ask for the 481 to become a member. You may not know it but you can send your 405 to the FCC 120 days before your lic-

ense expires in order to have it renewed. Do you ever work any DX station? Have you sent your self-addressed and stamped envelopes to W9DSO, the new QSL bureau as you should do? See QST for the full info. Not an ARRL member? Why Not??? The ARRL has been the mainstay of Amateur radio for years and it can be truthfully said that very likely if it had not been for the ARRL, there might not be any amateur radio as we know it today, JOIN NOW, TARS members are entitled to special rates, see W9OG for details. "PROMOTE INDIANA ON THE AIR" is a new project initiated by progressive amateurs to aid the State Dept of Conservation advertize the stats many natural advantages. Amateurs who want to assist in boosting their home state may write to: Public Relations Dir, 311 W Washington St Dept of Conservation, Indianapolis, Ind. Ask for the sample set of brochures that will be sent to any amateur in other states whose name you send to the dept. Such requests should be brought to the mention of W9SWD or W9TQC so that results of ham participation may be accurately tabulated. 50 mcs Evansville operators may find that Marion County contacts on that band are much easier when 51.9 mcs is checked, as that is the standing frequency up there. W9UQP is the Capt of the Rifle team at Northwestern Univ.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA

DIRECTORY OF THE TRI STATE AMATEUR RADIO SOCIETY

K9AYH Walter H Heller=1954 Conditional=764 Lombard Ave=GR61775=Student Bosse High=ARRL AREC CD=HQ-129X 6L6-807 all bands=75 meter walkie-talkie Likes CW DX Experimentation and construction.

K9AZK Walter Smith=1955 Conditional=920 Lodge Ave=GR68734=Sr Student Bosse High=ARRL AREC CD=SX-99 Viking Adventurer Heath VFO 15-20-40 meters=Portable 6 meters=Likes CW SSB VHF Traffic nets Contests=Official Relay Station RCC CP-25 WAS=Now Secretary=Ground plane and folded dipole antennas.

W9AIN Fay Gehres=1924 Advanced=2232 E Powell Ave=GR64238=Electrical Eng ARRL AREC=15 watt 29.6 mc=Mobile 29.6 mcs=Likes phone CW=Copying Bee 1935 Now Vice President Trustee W9LIT=Past President Treasurer Director.

W9BBN Robert A Fink=1947 Advanced=713 E Riverside Dr=HA21665=Supervisor Internal Revenue Service(Tax man)=ARRL AREC CD Hoot Owl Net=Likes 10 and 40 meter phone and CW=10 meter mobile=RCC=Now Legal Committee=Past Treas=6'3" 225 lbs blue eyes no hair.

W9DGA Clifford C McGuyer=1939 Advanced=2900 East Oak Dr=GR67483=Police Radio=ARRL AREC CD MARS QIN 9RN=Home built Xmtrs all bands=Portable 29.6 Likes CW SSB DX Traffic Contests=Asst ARRL Dir Past Ind SCM Route Manager ORS OES=DXCC A-1 Operator CP-35 WAC WAS 3 bands BPL RCC ROWH=Editor SPARKS Past Pres Vic Pres Secy Dir Chm Hamfest Field Day and Program.

K9EEY Ralph Harpe=1956 Conditional=1261 Ravenswood Dr=GR60273=Bus Mgr Electrical Workers=ARRL CD=DX100 Kw rig=Likes 10 and 20 meter phone=29.6 tranceiver=Now Program Chairman.

K9ELE Dave Dedman=1956 Conditional=Box 54 Winslow=Winslow 2435=Postal clerk=ARRL AREC CD EC=DX35 NC57 VFO=Likes 7240 kc=Mobile on 50.58 mcs=Likes phone and CW=EC of Pike County=RCC=President of Winslow Amateur Radio Society=Net at 7240 kcs at 9:30 am Mon thr Fri.

W9FJI Fred Sawyer=1946 Conditional Opr only Sept 1945=627 E Virginia St=HA46086=Sales Eng Potter & Bramfield=ARRL AREC CD MARS VARES=Homemade PP1625-100 watts VikingII BC457 and BC459 for CW=Likes 4025 kcs Mars freq and 29.6=Phone and CW=OES OO Class III=ROWH C-15 RCC=Now TARS Director Past Secretary Editor SPARKS Hamfest registrar 7 years=Handles all improperly QSL cards sent to Evansville at own expense-furnish RACES members all needed FCC forms-property officer RACES-Secy-Treas VARES-promotes 50 mcs work tho not on himself.

K9GBB Meg Folz=1956 Conditional=417 S New York Ave=HA47388=Housewife=ARRL RACES=Ranger 2 & 6 meter soon=Likes phone 3.96 7.23 7.24 mcs and ten meters. Mother of K9HVI.

K9GEO Clarence E Nichols=1956 Conditional=1929 Joyce Ave=GR71676=Adm Asst Post Office=AREC=Globe Scout 680 S53A=Likes 29.6 mc=Mobile 29.6 mcs=Likes phone and CW=Now Asst to Treasurer.

K9GOE Jos T Maddox=1957 Conditional=18 Oak St=Asst Supt I&N RR=HA40743 ARRL=Globe Champ S-76 3 ele beam=Likes 20 meter CW=WAS WAC.

W9JFJ Howard G Campbell=1950 General=3013 E Oak Dr=GR60365=Claim Adjuster=ARRL=AREC=CD=Viking 500 NC183D SX101 Associated equipment=Likes 15 meter phone=3 ele 3 band beam Johnson Match Stick=OO Class IV=WAC=TARS Auctioneer.



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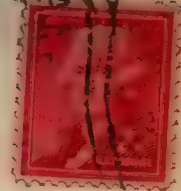
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MAR 158



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

A WORD FROM OUR PRESIDENT

By W9RBV

I know the President should always have a nice little column but nothing exciting ever seems to happen at my little station. Well, I did make a couple of ten meter contacts into Germany. On one I talked to my cousin, and on the other some good friends of mine were able to talk to their son.

I attended a couple of meetings regarding unification and improving emergency communications in the area. That sort of thing does not move rapidly but I hope that all amateurs support and participate in the program. Also I took a quick look at the membership list and noted that quite a number of fellows are undecided as to participation in the club. That is, the dues payments are a little slow about coming in.

Did you see the picture of the club papers in the last issue of QST? Seeing SPARKS there so bold made me feel pretty proud. Perhaps the effort is worth while. I know we are all very busy these days even with a

short work week, but it would be nice to see letters from various individuals occasionally. I hear Russ Price W9GWL on SSB about every night. If he could write I'll bet he could furnish a few things to bring us up to date. Information from Henderson might be interesting also. The next program which is on Home Built Equipment should be very interesting. Best regards.

TARS MARCH MEETING

Wed. MARCH 26.

The regular March meeting of the Tri State Amateur Radio Society Inc will be held at the community Center 8th and Main Streets starting promptly at 730 PM.

WED. MARCH 26.

All are requested to bring a home built piece of equipment for display. This will be an interesting meeting. If each will bring a piece of home built equipment a large and educational display will be had.

WED MARCH 26.

The April meeting will be a telephone color film entitled "Voice Under the Sea". Field Day this year is June 28 and 29. ARRL membership now totals 65,000.

RCA

TUBES - PARTS

EQUIPMENT

HALLICRAFTERS

RECEIVERS

IN STOCK

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS IN STOCK

OHIO VALLEY
SOUND

20, EAST SYCAMORE - 1/2 BLOCK EAST OF MAIN

DIRECTORY OF THE TRI STATE AMATEUR RADIO SOCIETY

- K9HWI Eddie D Folz=Co B Hdqs Group Fort Knox Ky=Mobile 29.6=Son of K9GBB.
- K9JOB Ralph N Harder=1946 Advanced=1515 Redwing Dr=GR74237=EE for Alcoa=ARRL AREC CD Tenn Phone Net=DX 100 HQ110=30 watt mobile on 75 meters=portable ARC4 145.2 mc=Likes 75-40-15 meter phone=Former EC in Tennessee.
- KN9JQJ Richard D Wilson=1957 Novice=913 Harmony Way=HA55918=Student West Heights=DX75 SX16=Likes 7.194 mcs CW.
- KN9JQN Jim Russelburg=1957 Novice=708 S Englewood Dr=GR70237=Foreman of Mails US Post Office=ARRL=Globe Chief 90 SX42=Likes 7158 7172 7185 21111 21150 21189 kcs CW.
- KN9JQO Mike Richards=1957 Novice=23 S Taft=GR69422=Student Bosse=Newsboy=RCC=NCS Evsl Novice Net 3735 kcs=Globe Chief NC88=Trap antenna=Likes 80 40 and 15 meter CW=8 states worked 4 confirmed.
- KN9JQY Charles R Greene=1957 Novice=2021 E Franklin=GR66836=City School teacher=ARRL AREC=DX35 NC125=Likes 3715 ko CW.
- KN9JQX Robert Herendeen=1957 Novice=500 S Dexter=GR70889=Student Bosse=DX40 AR3=Most interested in phone in future but CW at present 3720 3728.
- KN9JSK-K9JSK J Paul Wurtz=1957 Novice and Technician=810 S Governor=HA38786=Radio and TV Serviceman=ARRL=DX100 HQ129X=Likes 7161.5 kcs CW=Has 20 states confirmed=Plans on 6 meter fixed and mobile=Past SWL Dir 1957 Hamfest Chm.
- KN9KIM Theodore Morange=1957 Novice=RR#3 Ashley Ill=690R=Student=ARRL=A&R 35W Xmtr=likes 3718 kc CW=Relative of W9UWL and W9FJI.
- W9NZC Herb Muth=1951 Conditional=3121 Igleheart=HA30373=Inspector Mead Johnson=ARRL AREC CD=DX100 Link Xmtr Gonset converter=Outfit for Xmtr Hunts=Likes 40 and 10 meter phone, some CW.
- W9OVB Wilbur Weisling=1953 General=719 N Main St=HA25692=Jeweler=Homebuilt 813 ARRL Handbook Xmtr all bands= Gonset G66 and G77=Likes 10 meter phone=ARRL=AREC=CD RCC CP10=Past Secretary several terms Now Director.
- W9RBV Lowell A Goodson=1952 General=4512 Sweetser Ave=GR70168=Old National Bank=ARRL AREC CD=B&W 5100 SX71 Elmac AF67=Stanor Mobile 29.6=Likes 75 and 10 meter phone=Past Treasurer=Now President.
- W9URQ John W Yochum Jr=1952 General=405 West State St Princeton Ind=FU53595=Automotive Parts=ARRL AREC=Viking II 80 CW=Elmac AF67 Mobile on 10=Likes Phone CW SSB=EC Gibson County=RCC CP15=Plans for 2 meters=Has 20A.
- W9WUH John D Harkins=1953 Conditional=1912 Have Dr=HA25628=Mail Carrier=ARRL AREC CD=Viking II SX71 VFI=Mobile Link=Likes 80 CW and 29.6 phone=EC Vanderburgh County ORS RCC CP25=Past Director Field Day Chm=Now Director.
- W9YZO John E Alexander, M.D.=1953 Conditional=1105 S E First St Apt B-2=HA47197=Eye Surgeon=ARRL AREC CD=Collins 75A3 Globe King 500 B Collins 32V3=Converted Motorola Mobile 29.6=Likes 75 phone and CW Mobile 29.6=WAS CP35 RCC=Past Vice President=Now Director=Member Grave Yard Net=Screw Ball Net=Meat Ball Net=Saints of 75=and Royal Order of Boiled Owls.
- W9ZZY Stirman Rowland=1934 Advanced=225 Fernwood Dr=FA42614=Svc Mgr Finks Furniture Co=ARRL AREC CD=Home built 100 watt Xmtr HQ129X= Mobile Link Xmtr=Likes 10 meter phone and mobile.

NOTES FROM W9FJI. AMATEUR RADIO EXIST AS A HOBBY BECAUSE OF THE SERVICE IT RENDERS. I don't beleive that the above can be repeated too often, too many overlook their obligations, just because they are hams, citizens etc does not mean they should think everything is due them without some return. SWITCH TO SAFETY. How many are prepared to do that to perhaps save their lives? Is every piece of gear gused to prevent its being damaged? Why is W9PNE so angry? After years of trying to work ZL1MQ on 8 bands, already done on 7, Brice wasn't on when 50 mcs opened to ZL land. So W6AM snatched the honor. Brice is trying to do the same with KH6IJ. From the number of QSL cards received at this QTH from hams who ignore the adress given them, it appears that KN9LIX is very active on 7186. Here are some QTH's of Ex Evsl hams; K6JQZ Ex-W9UNT 2912 W 141st St Gardena Calif; W6TOD Ex-W9THD 2531 So Broderick St Duarte Calif. Know these fellows will be glad to QSO or talk to you. Recently while talking to ZL2MU Syd was QRMd by K6JQZ, who had been listening from Evsl via W9OG. George Clark W0AJ0 from WFIE-TV lives at 417 Vann would like to meet the locals. KN9LMJ is brother of KN9LMK and both are sons of W9DGC of Vincennes. K9AYH and K9EYD made the Honor Roll at Bosse High. K9ELE reports W9QID sends code practice at 930 AM on 7195kc each

Tue Thur Fri and Sat. Dave also reports a new club at Winslow, the WARS, Winslow Amateur Radio Society. Several progressive amateurs have subscribed to the BISON, have you? Have you seen the March issue? Only \$1 to W9MVZ. W9FJI is now the publisher. How do you know what goes on in Indiana amateur ranks if you don't subscribe?? Boost ham radio in Indiana, subscribe to the BISON!! For the benefit of all hams who may not know it, W9FJI leaves evansville April 15, moves to Princeton-so you won't be able to get those FCC forms etc as you have in the past. Who wants to volunteer. Several have volunteered to handle the improperly addressed QSL cards that come, 35 so far this year, 71 last year, tho the service is nat all appreciated by some. MOBILEERS-- IS YOUR RIG TVI FREE?? You are responsible for TVI onmobile as you are on fixed rigs, you can cause more public damage by TVI mobile operation than you could by fixed if you don't care, just drive around and scatter it all about--- How about it?? The BISON is tops, subscribe?? All IRCC Officers, the Editor and Publisher are subscribers.

FOR SALE. Warren Baker W9HX has for sale a G66 receiver. Works on 6-12-115 volts. If you would like to buy such a receiver call Bake at HA46064.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV TUBES, PARTS, TEST EQUIPMENT, ACCESSORIES

WESCO

428 W. PENNSYLVANIA

A JOINT EDITORIAL TO ALL TRI STATE AMATEUR RADIO OPERATORS

Evansville and the Tri-state are most fortunate in having a group of energetic and community minded radio amateurs who are willing to devote their time and equipment to aid others in time of emergencies or disaster. Many of these amateurs have joined A.R.E.C., some have enlisted as members of R.A.C.E.S., and some have remained unorganized, each in his own manner seeking to perpetuate his hobby and aid his fellow citizen by furnishing his capabilities and facilities to either the civil or military as needed.

Several years ago, the Tri State Amateur Radio Society Inc., purchased a trailer and various types of communications gear solely in the interest of furthering the facilities available for emergency work. A truck was purchased to render the vehicle mobile and the complete unit was made available for use by the Amateur Radio Emergency Corps.

The Civil Defense authorities, realizing the value of communications in either natural or man made disasters, obtained a 22 foot bus and furnished funds which were used to purchase the latest in communications equipment. In each case the same group of amateurs spent many hours converting the vehicles and installing the emergency communications equipment.

In addition to the above, twenty five 2 meter transmitter-receiver alerting systems are being purchased and converted for use by the hams. The Red Cross has furnished operating space for an emergency station and many of the commercial facilities have volunteered their equipment and operators for emergency purposes. Many amateurs have purchased or built mobile equipment primarily for use in drills and actual disasters.

Without furthering ones research it is evident that the Tri State is well fortified in-so-far as communication, operating personnel and willingness is concerned.

On February 25, the undersignees, namely John Harkins W9WUH, as Emergency Coordinator, Albert W Schoettlin W9UMS, as Radio Officer for the Vanderburgh County Civil Defense, met with Lowell Goodson W9RBV, president of the Tri-State Amateur Radio Society, Inc., in the interest of surveying the potentialities available and to initiate action to better coordinate these facilities. It was evident that with all the operators and equipment and the willingness exhibited, there were certain features lacking such as coordination, cooperation, liaison, training, etc., between the operators and the organizations. As a result of the survey, several steps were taken in the interest of developing a unified and well trained organization.

Clifford C McGuyer W9DGA, was asked to handle the organization of this project and has accepted. Mac was chosen because of his understanding of the problem, his experience in communication and because he is well known and liked by all amateurs. He in turn has made several appointments, with the concurrence of the writers and will start the program immediately.

With the cooperation of the many hams in the Tri state, applied in a well defined program of training and procedure, we can have an organization equipped to handle all emergencies and capable of handling the many requests for civic service being received.

Lowell Goodson W9RBV, President, Albert W Schoettlin W9UMS, Radio
Tri-State Amateur Radio Society, Inc. Officer, Vanderburgh County C.D.

John D Harkins, W9WUH, Emergency Coordinator,
ARRL, Amateur Radio Emergency Corps.
Vanderburgh County.

By W9DGA

By K9AZK

Assured of sincere and complete cooperation from the principle officers of the three organizations involved, I have accepted the task of co-ordinating the emergency responsibilities of the three groups.

Our goal will be a smooth operating organization that can efficiently operate in an emergency of any type. One that is dependable, that can handle a message with accuracy and speed.

This will be no small undertaking but with the cooperation of the area amateur radio operators I believe we can make progress. We start from a solid foundation and will build slowly at first, to be sure the course from here on we pursue is correct.

To implement this plan, Lowell Goodson W9RBV, has accepted the responsibility for Station Manager of the Tri-State Amateur Radio Society Emergency Trailer unit. Fay Gehres W9AIN, will act as his first assistant. Henry Galbraith W9HDJ, has accepted the responsibility for Station Manager of the Civil Defense=RACES Emergency Bus. His first assistant will be named latter.

In the near future a Station Manager will be selected for the Red Cross station and an Emergency West Side station.

The next emergency exercise will be held Monday March 24 promptly at 7:30 PM. All operators interested are requested to report either to the Trailer at 2232 East Powell Avenue or the Bust at Governor and Division Streets, whichever is the most convenient. A short orientation session will be held at each location then a practical on the air exercise will be conducted between the trailer, Bus, and the Indiana State Net. This will involve 10, 6, and 80 meters, but not mobile operation. Bring your operators license and pencils.

Congratulations to Bruce Brazelton, W9FGX, for receiving his DXCC certificate. Bruce accomplished the stunt in approximately 3½ years using a home brew transmitter with 807's in the final at 100 watts. Bruce feeds a ground plane on 20 and 10 meters. He also has folded dipoles on 15, 40, and 80 meters. Bruce has worked 120 different countries with 107 confirmed. His best liked band is 10 meter CW. Bruce inhales with a complex structure of and S38C, with preselector, feeding the audio of a BC-342. Some of his more luscious stations were: VHLB, VR2, VR3, TI9, and HKØ who he worked on 40 CW. He has worked 54 countries on 10 CW and 98 on 20. Along with his certificate he received CP-35 and WAVE. Past achievements include WAS, WAC, ORS, OO, and RCC. Congratulations again to Bruce and keep up the fine work.

Heard on 40 CW lately are: W9QFQ, W9FHA, K9EEL, KN9JQY, KN9LIX, KN9KQV, KN9JUN, KN9JSK, and W9VSD has been heard on 80 meters.

W9VSD reports that the activity on 6 meter phone seems to be picking up. Stations reported on are W9VZX, K9GEO, W9VSD, K9HVI, and W4CSN.

K9KQO, has received his conditional. His set up is a HQ100 and a globe Chief. John operates 15 CW.

More information for this column would be appreciated. Please send it to Box 51 or give it to me at the meeting.

APRIL 16th SPARKS DEADLINE

TARS SPARKS deadline for April will be the 16th. Please get your articles in to me, W9DGA, at 2990 East Oak Drive on time. It delays the paper if I have to contact each one individually each month to remind them it is time (usually past time) again for SPARKS copy. Would like to have a Novice column again.

OPERATING PROCEDURE FOR DX100 OWNED BY T.A.R.S.

1. Before applying power set knobs and switches as follows.

Audio Gain - Counterclockwise.	Meter - Grid.
Drive - Counterclockwise.	Driver - 50.
Coarse Loading - Counterclockwise.	Amplifier - 50.
Plate Switch - Off.	

2. Turn power switch on.

3. Meter	Range	Measures	Optimum Values
Driver	0-50 Ma	Driver Plate Current	
Grid	0-10 Ma	Final Amp Grid Current	5 Ma
Plate	0-500 Ma	Final Amp Plate current	150 Ma
Volts	0-1000 V	Final Amp Plate Voltage	
Mod	0-500 Ma	Modulator plate Current	125 Ma (Peak)

4. Advance the Drive control and adjust the driver tuning control for a peak reading. Do not exceed 5 Ma. Note position of grid Drive control now with 5 Ma on the meter so you can return to this reading later. Return Drive to full counterclockwise position again.
5. Move METER switch to Plate and Plate switch to on. Adjust the Grid Drive control with one hand and the amplifier tuning with the other. Advance the DRIVE slowly while simultaneously tuning the AMPLIFIER for a minimum on the meter, until the Grid Drive is positioned as it previously was for the 5 Ma level. At no time should amplifier plate current exceed 250 Ma.
6. Return Meter switch to grid and set grid DRIVE to 5 Ma.
7. Switch back to plate and dip the Amplifier tuning again. The final plate current should read in the lower portion of the scale.
8. On some bands it is possible to obtain two dips with the Amplifier Tuning. Always select the dip at the highest reading on the Amp tuning.
9. Rotate the Coarse Loading control a step at a time, dipping the Amp after each step when meter is approximately 200 Ma., adjust the fine loading control (still maintaining a dip with the amplifier) for normal operating load of about 250 Ma. Recheck grid current to be sure it still reads 5 Ma.
10. Phone operation may be tested as follows:

With meter in plate position and all other controls set as before, turn the Plate switch to off. Move the CW phone switch to phone. Connect the high impedance Mike. Move plate switch to on. The Plate current reading should be lower than for CW (240 Ma). Move the Meter switch to Mod position and speak into the microphone while slowly adjusting the audio GAIN control. The control should be set so that the audio peaks hit around 125 Ma. Without modulation the reading will be around 50 Ma.

11. Take care of TARS transmitter and equipment. Help keep the trailer clean.

By W9AIN

The question has been raised as to just how many mobiles we have in Evansville and actually it is a tough question to answer with the number changing due new cars and many other factors. From the observations of listening on 29.6 mc we do hear quite a number of active recently and will be listed. W9GFS, W9RBV, W9BUY, W9OG, W9MCN, W9NYX, K9HVI, W9WUH, K9GEO, W9ENZ, W9HCE, W9TTU, K9EBY, W4PKX, W9UMS, W4NUQ, W4TBU, W4CSN, W9HZO, K9K9ELE, W9ZZY, W4ABW, W9OVB, W9SWN, W9NAT, W9YZO, W9KLX, W9VZX and W9GSC. Without a doubt we have missed several who are now mobile and in order to correct the above list please send a post card to Mobile News Editor, W9AIN, 2232 East Powell Avenue, Evansville, Indiana and we will include you in our next issue. Since those listed are heard on 29.6 mc there may be some who do not use this frequency when mobile and a card will include all Mobiles.

During the past month the frequency has been very busy at times with W9ZPP, K9CFO, K9GOE, K9GBB, and W9MJU busy working the mobiles. W6PKM writes that he is inactive at this

time but is building a new transmitter. W6TOD, and K6JQZ are busy working back home from Southern California. W9FJI has a schedule with K6JQZ on Sundays. Drop a card or Phone W9AIN about any interesting mobile activity.

ARRL BULLETIN NR 644. The following activities, designed to appeal to every operating interest, are scheduled for the next few weeks: New Hampshire QSO Party Mar 29 and 30, WAE Phone DX Contest April 4 to 6, Pennsylvania QSO Party April 5 and 6, French Contest April 12 and 13, PACC Contest April 26 and 27 and May 3 and 4, USSR International CW Contest May 10 and 11, Armed Forces Day Receiving Competition and QSO Party May 17, and Swiss Helvetia 22 Contest May 17 and 18.

From W9NZC. Would like to see a committee to help new comers get on the air. Carry them through to assist on the air checks. We all need some of this help. It took me from Feb '56 to Jan 28 '58 to get a DX100 on the air. We need a committee to help the OLD and NEW hams to get on the air. My mobile has been off since changing cars, but the real trouble is oscillation taking off. It'll take several months more to get it to working.

RADIO AND TV TUBES, PARTS, ANTENNAS AND FEED LINES

AMATEUR XMITTERS, RECEIVERS, TEST EQUIPMENT...NEW AND USED

"WE TRADE FOR ANYTHING WE CAN SELL"

CASTRUP

1014 W. FRANKLIN STREET

Return to
TRI-STATE AMATEUR RADIO SOCIETY
Main Post Office Box No. 51
Evansville, Indiana

APRIL 1958



Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

Editor SPARKS,

Have several things I want to mention. First off, as you probably know I have agreed to take over the job of delivering all local QSL cards that come into Evansville without the correct address on the card. However, to do this I will have to have the cooperation of all the newly licensed novice, as 95% of all the cards incorrectly addressed are for the novice group. Here's what I need from all novices licensed after KN9KIS. Send a post card to me with:

1. Call letters
2. Name and handle
3. complete address.

I also have a 6 month Globe Chief 90 for sale if some new ham would like one (GR70237) \$45.00. Have worded all states with it. I took the conditional April 1 and W9AIN says it looked like it was OK.

Also for sale is a 2 $\frac{1}{4}$ x 3 $\frac{1}{4}$ Kodak Fluorolite Enlarger. Never Used. New price \$150 but will sell it for \$85. I have worked all states and am waiting for QSL from Montana to file.

Have run off a mimeograph copies of most of the licensed hams in Evansville. About 150 on the list in alphabetical order. It is up to date

to about the first of 1958. If any one would want a copy I'd be glad to give them one. They are free for the asking, or send a stamp. 73.

Jim Russelburg KN9JQN
P O Box 53, Evansville, Ind.

Tom Schlechte would like to have schedules with some local ham who has a phone patch so he can keep up with his family and YL's. He would like the schedules on Sunday mornings or afternoons. Anyone willing contact him at the following address. C/3C T W Schlechte, 2nd Sqdn Dorm 875, AFW, USAF Academy, Denver 8, Colorado.

TARS APRIL MEETING

The regular TARS April meeting will be held at the Civil Defense Headquarters, 2010 West Ohio Street at 730 pm Wednesday April 30, the last Wednesday in the month.

The program will be a telephone color film, entitled "Voice under the Sea". Please note the change in meeting locations. Civil Defense Headquarters, 2010 West Ohio Street. Cross the railroad tracks, turn right into the parking lot. Follow signs to the second floor. 730 pm.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA

Editor, W9DGA; Advertisements, W9MWM;
Publication, W9RBV.

TARS President, W9RBV.

Letters

Dear Prexy:

Careful perusal of paragraph 3, column 2, page 2, in the March issue of SPARKS causes me to brush the dust off the old typewriter. For some reason you imply that if I could write as well as I can talk, "###&'??&(*. For your personal information here is the explanation for my long absence on paper.

For the past two or three years, every time I would try to use the old typewriter, it became increasingly evident that my eyes were growing weaker, and weaker. A trip to the eye-ball coke bottle bottom grinder assured me that such was not the case. I hope you will treat this with strict confidence, since it is a confession that I kinda hate to admit. It seems that there is a part of a typewriter called a "ribbon" that wears out and must be replaced every 20 years or so. At this moment I can't recall how I discovered it, since it is not mentioned anywhere in my tractor operating manuals, nor is there anything concerning it in the SSB Handbook. Anyhow a new ribbon is in place and everything is lovely again.

This past month of March was the first yearly anniversary of the finest piece of gear ever to grace my ham shack. It is the HT32 built by a long established firm in the Windy City. As you know Prexy, Ole Boy, when W9GWL operates, that is operation with no period. Not just a quickie, not just an hour, but generally an unending QSO. Truly an amazing total of operating hours have been amassed in 365 days on the HT32. The results have been wonderful, and the most enjoyable over all my years of hamming. As I reflect on the grief I had earlier with a "gadget" put on the market to operate SSB, by an outfit in "Minnie-sore-toe", it all seems like a real bad dream, now.

Christmas eve last, a new amplifier with a pair of RK65s in grounded grid went on the air, to be changed to a pair of 813s in about 2 weeks. With 3300 volts available the 813s are an easy "talking Kilo-watt", or as the manufacturers state it, a good PEP of 2000 watts.

Early in March, production began on the "Hurricane 600". It has been in operation now at this writing for about 3 weeks, and has exceeded my fondest expectations. The "Hurricane 600" consists of four 837s grounded grid, talks 300 watts of real power input or 600 watts PEP. The power supply of 1400 volts is built on the same chassis. The secret of it all is the fact that there is no filter choke. The entire filter consists of 12 mfd of "oil". With this filter I get the 1400 volts with excellent regulation from a transformer rated only 1000 volts RMS each side of center. Several of the "Old School Boys" are turning in their graves, and hollering their heads off, saying that the filaments will be sucked right out of the 866s, but really they must be wrong. It Ain't happened yet! So what, even if the life of the rectifiers are cut in half, it looks better to me to replace them every five years or so and get 1400 volts from a small transformer rather than use a transformer which is too large physically to get on the chassis. There's quite an article in February CQ and even you Prexy, ole boy should get the idea pronto, quick like a fox, in a hurry.

Sure would love to see you on the air more often, as well as a lot of the old gang with whom we usta eat dust in the old Model T days. Seems now we have improved super highways, with faster moving vehicles. Guess all of you are lost in the fast moving traffic, and eating more dust now than ever. How about getting rid of the old model T, quik driving the old dusty roads with their bumps and chug holes, get a faster job and get on the new highways where it is smooth sailing. Prexy, OB, ham radio is a real pleasure now, knowing that the guy on the other ends copies, (next page).

Apparently other things besides the weather are experiencing a warming trend. At least there has been a greatly increased activity in the emergency communication picture. The regular Monday night sessions of the Vanderburgh County Emergency Net has been reinstated and is presently holding forth each Monday evening at 1930 hours, on 29.6 mc. Each session rings the attendance count up a little over the previous sessions, and this is very encouraging. All stations who have been reporting in are to be commended on their strict observation of net discipline. Information bulletins and formal traffic are the order of business and your support is solicited for the next session. An emergency exercise is scheduled for April 28 at 1930 hours CDST. Report to the control center for an assignment. Centers are located at 2232 East Powell, Governor and Division, and CD Hqs 2010 W Ohio St. This session as the last one will stress accuracy in handling of recorded messages. Several frequencies will be used. Your AREC membership cards and assignments will be issued at the control centers. Be on hand to claim yours.

73, Russ, W9 G W L.

HAM GEAR, BOTH NEW AND USED

TRANSMITTERS - RECEIVERS - ANTENNAS - COAXIAL CABLES AND FITTINGS

TUBE CHECKERS - TEST INSTRUMENTS - TUBES - PARTS

"WE TRADE FOR ANYTHING WE CAN SELL"

CASTRUP

1014 WEST FRANKLIN STREET

Editorial by W8DQL

It is another generation, congratulations to our leaders Mr and Mrs Lowell Goodson W9RBV who are now the proud parents of a new junior operator. Lowell has been active both fixed and mobile during the month.

W9LVL is still very active mobile and was the object of an eyeball QSO by W4IAN, Ted Beumer from Virginia Beach Va. Ted is in the Navy and was visiting his mother, Mrs R Beumer on Riverside Drive. Ted's wife K4TGN and Ted are looking for a schedule into Evansville. Their address is 119 Laurel Lane, Virginia Beach Va.

W9OVB is active mobile and W4OGB works into Evansville on 29.6. W9QFQ is active on the mobile frequency and K9HVI mobiles home to visit his mother, K9GBB every week or so. Joe K9HZO is active mobile and is on 40 in contact with K9HVI at Fort Knox. K9GEO, W9WUH, and K9HCE are all active mobile and all are in the Postal Service. W9AIT was heard on the Frequency with W9OG Mobile. W9UMS and W9LVL are mobile. W9MJU still puts in a good signal from West of the city with a new antenna. K9GEO was heard on 29.6 phone. W6JQZ still works in from California from time to time. W9ENZ is heard on 29.6 mos.

ACTIVITY CALENDER

Emergency test	April 28
TARS meeting	April 30
Xmtr Hunt. To be announced	
Armed Service Parade	May 16
CD Alert	May 20-21
Field Day	June 28-29
American Legion Parade	July 11-14
Water Carnival, Scott County	
Fair, National Boat Races	Aug ??.
Don't forget TARS meeting will be held at CD Headquarters Apr 30.	

I cannot help but be alarmed at the lack of technical proficiency of the modern day radio amateur. The day is not too far removed when the only skill involved in amateur radio operations will be the manual dexterity which must be exercised to manipulate the switches. Am I too sentimental to ask what has become of the build it, repair it, and operate it ham? The word ham when applied to radio amateurs used to connote a knowledge of radio. The advent of easily obtained commercial gear has made a backsliding type of ham. It is nice to be able to obtain gear at a nice price with a minimum of expenditure of time but let's at least have the knowledge of the gear which we operate. Destructive criticism has never lent much so I guess that I should propose an answer to this problem. It appears to be quite obvious. Let's push for an incentive type licensing. Let the progress in the field of communication which has been made by hams in the past be inculcated in the minds of today's neophyte. If we are only getting one better ham by this method, then we still have progressed. An incentive to use frequencies which would be available for this license class would do away with the memory artists who plague our bands and are in part contemptuous of radio theory. We must make our hobby a group of well-balanced radio men. Let us welcome newcomers, but let us also demand a degree of proficiency which in the eyes of others justifies our existence.

W9FJI new address: 526 South Gibson Street, Princeton Indiana. Phone Fulton 5-4123.

READING BETWEEN THE LINES. (From CQ News, HARC NEWS, Houston Am Radio Club)

WHAT THEY SAY:

WHAT THEY REALLY MEAN:

Sorri, OM, QRM got u.....	Ur too fast for me
I passed my Technician.....	I flunked my General
No time for radio anymore.....	Novice ticket expired
Foocy on Collins gear.....	Wish I had a KWS-1
I'm strictly a phone man.....	My CW is lousy
Sorri U don't copy.....	I can't handle a bug
FB OM, RRR solid.....	Pse repeat RST es QTH
DX is no fun.....	My rig won't get out. T Tompkins K6TX.

DIRECTORY OF THE TRI STATE AMATEUR RADIO SOCIETY

W9FGX Bruce Brazelton=1954 Conditional=217 Taft Ave=GR63808=Student Bosse
High=ARRL AREC RACES=Pr 807 100 Watts BC342 S32C 14-28 Mcs CW=Track Team
Bosse=ORS OO=CP35 WAS #4983 WAC DXCC #3314 RCC WAVE #240 DX 120/107.

W9JTU Kenneth Young=1950 Advanced=3010 Hartmetz Ave=HA37649=Tool maker=
Elmac AE67 Fixed Mobile Portable=Most interested in phone. Husband\$W9MTF.

W9MTF Martha Young=1951 Conditional=3010 Hartmetz Ave=HA37649=Homemaker=Collins 32V3. Likes phone. Wife of W9JTU.

W9PNE Brice Anderson=1931 General=Lancaster Illinois=Electrical Engineer=
ARRL=400 Watts CW 100 Watts phone homemade=All frequencies=Likes CW=WAS
WAC DXCC=Always ready for 6 meter schedule. 2E26 50 mcs=50 Watts on 160 Mts=

W4HKT Woodring M Fryer=1954 Conditional=225 South Water Street=Henderson Ky=
Valley 69506=Real Estate Broker=ARRL AREC CD=Viking Ranger Viking Kilowatt=
NC300 DX40 G66B=Likes 29.1 mcs=Motorola Fixed Freq Xmtr & Rcvr 29.1 Mcs=
Gonset Comm on 54.1Mcs=Likes Phone=WAS RCC.

SWL Roy Cox=Had novice 1956=3010 E Mulberry=GR64366=Bosse High School=
ARRL=NC88 Hammarlund 420 Lettine=Likes Phone and CW and VHF.

Directory Page Three

ARRL BULLETIN. About May 1 FCC will begin to issue New call prefixes for amateur stations. All new license except Novice will have WA repeat WA prefixes. All New Novices will have WV repeat WV prfixes changing to WA upon advancement to permanent grade. FCC willnot consider requests for calls out of alphabetical sequence.

Note the change in TARS April meeting on page 2. KN9JQN has received his WAS as novice #8878. Jim will visit WØFQY of the Mosley Electronics in St Louis April 14. W9FGX won several awards on the Bosse Track Team. K9HCG is on 2 weeks vacation with the Air Force. W9MOK will be back on the air soon. W9JFJ got new rotator.

[illegible][illegible]

BCA

HALLICRAFTERS

TUBES - PARTS

RECEIVERS

EQUIPMENT

IN STOCK

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANT.

OHIO VALLEY SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

[illegible][illegible]



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

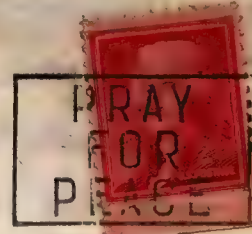
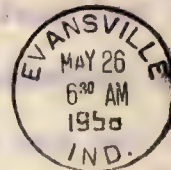
Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

PAUL A TOWNSEND, JR., W9ZHI.

Those of us who knew Pat Townsend, or who had worked him as W9ZHI from his home QTH on Adams Avenue and later from his mobile rig, had followed his career with interest through his letters and his visit home early last year after he entered the Marine Corps.

Pat, whose nickname stemmed from the initials of his name, Paul Arnett Townsend, Jr., attended Central High School after his family moved to Evansville from New Albany in 1952. While in high school he prepared for his novice and conditional licenses together with Doc Alexander. Lefty Covert gave both, Pat and Doc the examinations.

Pat graduated from Central High School in June, 1956, soon entered the Marine Corps, and attended Navy and Marine electronics school in San Diego and San Francisco, California. He became a radar technician in the service stationed at Twenty Nine Palms, California, and recently had passed the physical for the U.S. Naval Academy at Annapolis.

Pat, who had just made "Marine of the Month", lost his life in an unfortunate automobile accident near Kingsburgh, California the night of May 22, at the age of 20. TARS, its officers and members, extend their deepest sympathy to Pat's mother and father, Paul and Blanche, and to Cecil, KN9JQK, Pat's sister, who reside at 634 South Norman Avenue in Evansville. The local amateur fraternity will often think of Pat, and remember the example shown by his spirit of open friendliness, his enthusiastic cooperation, and his eager interest in both practical and theoretical amateur radio activities.

KN9KQV is moving right along towards his WAS with 44 worked and 38 confirmed. Don's secret must be in the nice rig of an NC125 and Globe Scout 680. Keep up the good work Don.

KN9JUN has 30 states worked with 27 confirmed. Bob dosen't get on the air as much as he would like but I bet his DX100 and Helli0 dosen't get too cold.

KN9KIS uses an AT-1 for transmitting and a Space Spaner for receiving. Ron has worked 17 states with 11 confirmed. Ron will be ready for his conditional in about a week.

KN9JQN really puts his rig, an SX42 and Viking II, to good work, and he can prove it. Jim has received his WAS as a novice. Jim says that he wasn't trying for his WAS until he he had around 35 states worked, and

you can see that his efforts payed off. Congratulations Jim.

To hams that want to have fun and perform a service too. Get in the 80 meter net. Every friday at 1815 CDST on 3735 Kc. For more information call the Net Control Station Mike Richards, KN9JQO at GR69422.

New Hams in town are KN9LVM, Marilyn Mooney; KN9LVN, Walter Muehlbauer; and KN9LVO, Howard Curtis. Congratulations and Be seeing you on the novice bands.

A few novice calls and addressess.

KN9GKT Mike Grismore 1928 E Gum St.
KN9KOQ John Portlock 1420 S Grand Ave.
KN9KQV Don Hughes 110 S Weinbach Ave.
KN9LVM Marilyn Mooney RR#4, #6 School
Road.
KN9LVN Walt Muehlbauer 2333 Mt Vernon
Avenue.
KN9LVO Howard Curtis 1301 Ravenswood.
KN9LIX Ray Bittroff 104 S Weinbach.
K9JIW Don Roth 834 Madison.
KN9JJX Jim Hillenbrand 1024 Lincoln.
Novice pending Steve Miller 2025
east Powell Avenue.
R means I received everything perfect.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, AND ANTENNAS, FEED LINES

WESCO

428 W. PENNSYLVANIA

By W9RBV

I wish to thank Russ Price and Pat Townsend for the nice letters. Perhaps others can write also. A short memo by mail or even a message passed via "amateur Radio" on experiences with some new piece of equipment might prove interesting.

The meeting of the IRCC in Terre Haute was attended by Fay Gehres and myself. I am looking forward to seeing the minutes of the meeting. We all were unable to hear all the proceedings since noise of an air conditioner exceeded the chairmans voice. I think perhaps we voted "for" one item instead of "against", however the vote was not critical and really meant nothing in the results. A small PA system would have been very helpfull.

Field Day is coming up soon. Present plans do not include any attempt to make a high score. It is my understanding that the equipment in both the TARS trailer and the CD Bus will be available for you to inspect, operate and become familar with. It is my hope that the number participating will be large and all will have a n enjoyable 24 hours.

Hamfest plans should be well started by this date but they are not. It has been dicussed by your Officers and Directors, however we still need a chairman, to plan and coordinate this big activity of ours.

For some time I have been thinking of the procedure used in our yearly elections of officers and directors. Those nominated and elected are restricted to the small number present, less those that may decline for such reasons as a lack of sufficient time. In some cases the election may be an indication of the persons popularity, rather than an indication of anticipated effort to improve club functions and operations. It then follows, that those of us elected are not necessarily the most capable nor those with sufficient time. Regardless of this large or small effort on the part of those you elect, more should not be expected of them than you are willing to expend.

By W9AIN

The Henderson amateurs staged a transmitter hunt in late April and W9WUH, W9KVE, W9MOH, K9EEY, and W9RIT, and your mobile editor went over in a down poor but ended up with a very good barbeque feed. The TARS june hunt will be announced in this issue.

The Armed Forces day parade with the amateurs communications being wet up with mobiles and the CD bus as control. The AREC monday evening drills are picking up in attendance and interest. Both the TARS trailer and CD bus is being used on the monthly drills. Meg K9GBB is Chief of the message center in the trailer and the bus personel is looking for a likely typist to head their message center. Ladies the line forms to the left. K4GJN has a new transmitter in Henderson and W4WYB help put it on the air. K9HVI mobiles in from Ft Knox every two weeks. W9RIT is busy with his mobile. K9GEO reports his wife is home from the hospital. W9GFS is on mobile on weekends and in the evenings. W9ENZ is active mobile and has been helping K9JQH get on 10 with a beam.

W9RDJ has his modulator repaired and is on 10 often. W9OVB has a new mobile antenna. W4CSN and W4TBU were active on 29.6 in Evansville on weekends. W9YZM was heard on 29.6 from St Joseph. W4YOK help put on the transmitter hunt while home from the University of Kentucky. W9WUH is heard almost daily mobile as is K9HCE. W9BBW is active on our 29.6 monday evening drills. W4NUQ has be active mobile and fixed. W9UMS was worked mobile while hunting a monument dealer. K9JRI has been very active on 29.6. W9YFD and KN9JQK have heard Sputnik III. K9AZK went to New York City and bought a modulator and is now on 29.6 mcs. W9OG is also on 29.6 mobile. W9MJU operates on 29.1 mcs with the Henderson amateurs. Anytime you want Henderson QSY to 29.1 mc and usually some one is on every evening. Dont forget the big auction at our next meeting. Humpy W9JFJ will give you all a good time, even if you don't buy too much. Get your gear together early for the big TARS auction. Time will be 730 PM CDST at the Community Center, 8th and Main Streets in Evsl.

"TRANSMITTER HUNT" -
By W9UMS

Sunday June 15.
2 PM.

Place; unannounced.

Prize? Yes.

Food ? Yes.

Frequencies. 29.6 50.58 3.530 Mc.

At 2 pm daylight time on Sunday June 15 we will begin transmitting on 3 frequencies, 29.6, 50.58 mc and 3530 Kc. This hunt will be based on time only and not on mileage. The first person arriving at the hidden transmitter site will be the winner. At 430 PM we will announce the location on all frequencies.

We are making this hunt a family affair and are asking each family to bring one covered dish; potato salad, slaw, baked beans, fresh vegetables, cake, pie, or anything you want. The TARS will furnish the meat and drinks.

We are most interested in having our neighboring hams participate in the hunt, or at least attend the picnic. You need not be a member of the club, so come

on Henderson, Owensboro, Princeton, etc. Bring your favorite dish and family. If at 430 pm you have not found us or if you are not hunting and would like to attend the picnic be at the front entrance of the Engineering building at Evansville College and someone will tell you where to find the picnic spot. For the out of town hams please drop us a card and tell us how many will be there so that we may get an idea of the supply of meat and drinks to order. For the local hams you will receive a phone call, asking if you will attend. Please try and inform the caller of your intentions. If we should by accident pass you up call Lowell Goodson GR70168, or Al Schoettlin, GR70501. Lets have a big turnout, make this a big event.

TARS NEW MEMBERS

John Portlock K9KOQ 1420 So Grand Ave
J R Brill KN9JUN 1716 Madison Ave
Mike Richards KN9JQO 23 S Taft Ave
Daniel Axton SWL 1516 So Boeke Road.

W9FJI has new 120 foot coax center feed antenna and is on 4025 kc Mtrs on sats and sundays. New ham is Bill Day, 2809 Hillcrest Terrace. Don't forget the big auction, May 28.

HAM EQUIPMENT

HAMMARLUND HQ-160.....	\$ 379.00
VIKING THUNDERBOLT, WIRED.....	589.50
Z-MATCH COUPLER, REGULAR \$89.50, SPECIAL.....	75.00
VIKING VFO, WIRED.....	49.50
SX-99, LIKE NEW.....	100.00
SW-54 DEMONSTRATOR.....	49.95
MASCO 10 WATT HI-FI AMPLIFIER.....	35.00
TALK-A-PHONE WIRELESS INTERCOMS.....	72.00
HALLICRAFTERS S38-E.....	54.95

IN STOCK: NATIONAL NC-109 AND NC-188, HY-GAIN BEAMS, 10, 2 AND 6 Mtrs

MANY OTHER RECEIVERS AND TRANSMITTERS, NEW AND USED. SEE CASTRUP FOR YOUR AMATEUR RADIO NEEDS. WE TRADE FOR MOST ANYTHING!!!!!!!

CASTRUP

1014 WEST FRANKLIN STREET

By W9WUH

this type of civic service. There are two more parades scheduled for the month of July in conjunction with the American Legion convention here the week end of July 11 and 12.

Operation alert scheduled for May 20 and 21 was confined entirely to paper work this year, and no RACES circuits were activated. Your local emergency planning committee had a meeting and drew up detailed plans for operation in this CD alert, and to make it a big operation, but our services were not required. This was to have been the regularly scheduled monthly drill. The next scheduled emergency communications event will be Field Day June 28 and 29. Individuals are urged to go out with their own gear this year and try to run up a competitive score and submit it to W9DGA who will forward the best entry to ARRL, as a TARS sponsored Field Day entry. See you Monday night on 29.6 mc.

KN9KIM rovd ARRL CP-15. Ted works
3718 kc and will get his general in
early summer. K9GOE is on 6 meters.
W9KVE has new Hallionrafters HT32.
K9HCG has new rotary beam for 3 bds.

RCA

TUBES - PARTS
EQUIPMENT

HALLICRAFTERS

RECEIVERS
IN STOCK

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

The regular meeting of TARS will be held at the Community Center, 8th and Main Sts, Wednesday May 28, starting at 730 pm. The program will be another gala TARS auction, with Howard Campbell, W9JFJ as the auctioneer. Bring your gear and come early for the fun. Come early with your items.

MESSAGE FORM AS USED LOCALLY

By W9RDJ

It is our desire to acquaint local amateurs with the type of message form normally used by us in all exercises. See back page for message blank. This form does not agree in some respects with the one as originated at ARRL but has all the pertinent information as needed by us plus some that is needed by CD. I will endeavor to explain only that part which apply to us specifically and as far as the other is concerned, leave blank. The information that I will give will be brief as a future program of TARS will be built around message handling and will include this message form.

All items marked, "Message Center Only" will either be filled in when you get the message or will be filled in later. All spaces marked X will be disregarded.

Precedence of the message: This tells the operator or message center the degree of importance of a message. "R" routine, "P" priority, "Q" operational, "QQQ" emergency. These will be handled not in the manner as received, but in their order of precedence. Messages not otherwise marked will be regarded as routine.

BT overscored or Break: This signifies the actual beginning and ending of the message. Check count should be only the actual count that appears between the first BT and the last BT. Band: This is the Band on which the message was received, that is, the "80, 40, 20, 6, or 2" which ever applies. Sign: The name you are most commonly known by. Such as Fay, Doc, Pat, etc, not your call sign. MOST IMPORTANT: PRINT ALL ENTRIES!!!!

The deadline for the June issue of SPARKS is June 17. Articles must be in the Editors hands by this date. Mail to W9DGA, 2900 East Oak Street so as to be received by this date.

The recent IRCC meeting at Terre Haute made 5 recommendations to its member clubs. They are; our SCM, W9TQC needs news from Indiana hams, not only for his monthly QST column, but also to keep in touch with what goes on in the state. The BISON editor needs information for the paper, the SEC should be informed about AREC work and progress, all adding up to the need for a club reporter to get this data promptly each month to the SCM, SEC, and BISON editor. It is the responsibility of each member club to see that their EC is active and interested, if not, the club should discuss the matter with the laggard EC and ask him to step aside for some one whom they believe will carry on the AREC work as todays needs require it. The SCM relies wholly upon the recommendations of the various clubs for EC recommendations since he cannot know hams over the state to a point to this post. Since the IRCC to a measure supports the BISON, it is naturally interested in its growth, to this end all IRCC club members should be subscribers to Use the BISON, member clubs are asked to to appoint some one who will take an active part and see that all possible members are subscribers to the BISON. This member may also provide news to the editor of the BISON, and is asked to send, as soon as possible, the listing of all known nets in the immediate area to the SCM for listing in the forth coming Indiana Net Directory. The net date was listed as recommendation #4. Each club should name some one to receive mail from the IRCC on club and Indiana amateur matters, this member to be one who appears to be active for time to come and who will take an active part in the club this name to be sent to the IRCC secretary as soon as possible. (Seety IRCC is W9FJI).

KN9MAA is new ham in Oakland City. Devin Lee is son of Ernest Harper W9-ZYV, operates his dads DX100 cranked down to 75 watts, a procedure most heartily to be avowed says Ernie, since harmonics can't be controled. He was licensed when 11, was 12 May 1st and uses 80 and 15. K9DCF, Richard Anderson has WAC and WAS. He has 70 countries worked, 55 as novice using DX20 and home made regenerative receiver. Richard QSO's at about 25 WPM. He entered Science contest with Tesla Coil.

MESSAGE CENTER USE ONLY
INDIANA CIVIL DEFENSE AGENCY MESSAGE FORM

INCOMING ☐ OUTGOING ☐ INTRA-CENTER ☐

DELIVER MESSAGE TO

CALLING INFORMATION

TELEPHONE ☒ (CHECK) ☒ TELETYPE ☒ DESTINATION (CITY) TELEPHONE OR TWX NO. AND PRECEDENCE

RADIO) ☐ CALL VIA

1 DS	2 TY	3 TE	4 PA	5 SA
6 TR	7 FN	8 FI	9 IN	10 HE
11 EC	12 SU	13 PS	14 WA	15 GE
16 WC	17	18	19	20

AS RECEIVED

NUMBER STATION OF ORIGIN CHECK PLACE OF ORIGIN TIME

(DISREGARD ALL SPACES MARKED "X")

QQQ O P R
 EMERG. - OPER. - PRIOR. - ROUTINE

ADDRESSEE (SIG. GROUP OR NAME)

CITY AS RECEIVED

DISREGARD

EXERCISE ☐
 NADIS ☐ (REUR)

TO WHOM MSG.
 IS ADDRESSED

SUBJECT OR REFERENCE NUMBER

BT → ONLY THE WORDS OR NUMERALS
 THAT APPEAR BETWEEN THE OVERSCORED
BTS (BREAK) ARE CONSIDERED AS PART
 OF THE TEXT @ FOR CHECK (NUMBER
 OF WORDS IN TEXT) PURPOSES ONLY @

← BT

SIGNATURE:

AUTHORITY

GROUP OR LAST NAME

OFFICE

SERVICE - DATE - TIME - ZONE

PREPARED BY:

(THIS LINE FOR MESSAGE CENTER USE ONLY)

NAME

OFFICE

DATE - TIME - ZONE

LOG #

SENT ☐
 REC'D ☐

TIME

DATE

VIA

OPERATOR

LEAVE BLANK

SELF EXPLANATORY

BAND

SIGN

By Originator

Transmit or Receive



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

Tri-State Amateur Radio Society

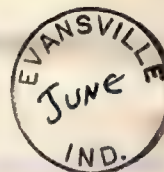
EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana

1958



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

By W9URQ

By K9JQN

Princeton now boasts of four new conditional class hams, as of May 24. They are as follows.

K9HKL, Buddy Morris, a blind fellow who is on with a Hallicrafters S-85 and some home brew 6146 gear. He will be on with a new Heathkit "Apache" as soon as Heath will ship him one.

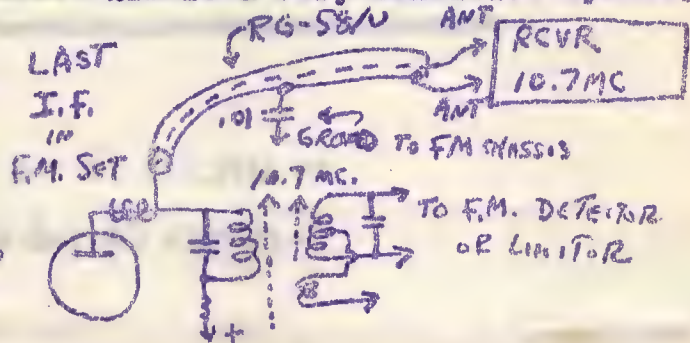
K9ILK, Fran Yelch, who is XYL and uses a Viking Ranger and SX-99.

K9IIV, Ed Riggely, who is on with a Hallicrafters SX-71 and a WRL Globe Scout.

K9ILG, Harold Broadstreet, who is on with a DX-40 Heathkit and a National receiver.

A rather unusual circumstance exists here now in that K9ILL, (father), K9ILK Fran Yelch (mother), and K9EBY Jerry Yelch (son) make up a one hundred percent ham family.

This system uses a conventional FM tuner or receiver, which will tune 108 mc and a receiver which will tune 10.7 mc. Wrap a 5 or 6 turn gimmick of insulated hookup wire around the plate lead of the last I-F amplifier, or limiter in the FM receiver and connect it to the center conductor of a length of RG-58/U or 59/U coax. Ground the cable shield to the FM chassis through a .01 mfd capacitor. Then connect the other end of the coax cable to the antenna terminals of the communication rcvr. Carefully tune the FM rcvr to 108 mc and the communication rcvr to 10.7 mc. This is a very sensitive system.



"EVANSVILLE'S HIGHEST QUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA

Editor: W9DGA; Advertisements: W9MWH;
Circulation and Publication: W9RBV.

MOBILE NEWS

By W9AIN

Your mobile editor joins with every amateur in the Tri State and all the employees of Southern Indiana Gas and Electric Company in expressing our deepest sympathy to the Goodson family with the sudden death of the father of our President W9RBV. Mr Goodson was a leader in his vocation and was to retire in another year after many years with our utility.

We also wish to express our sympathy to Mr and Mrs Paul Townsend and Cecil KN9JQK in the accidental death of Pat W9ZHJ their son and brother.

June 15th everyone enjoyed a nice afternoon and evening hunting the hidden transmitter and the swell lunch which followed. Bob and Anna Mary Fink W9BBN installed their mobile in order to take part in the proceedings. Dorsey W9NAT won the event by a photo finish over W9VZX, W9VSD and W9RBV with W9AIN as navigator. Some of those attending were W9GZB and XYL, W9MOH, W9KVE, K9GBB, K9JOB, KN9JUS, KN9JQK, W9OG and XYL, K9GEO, W9BBW, W9DGA and XYL, K9EEY, W9WUH, K9GRB, K9JON, K9JSK, W9WQQ, W9MKZ, and many others with their YL's and XYL's.

K9AZK our secretary is on an extended vacation which will take him along most of the Atlantic coast. Walt is especially anxious to attend some club meetings in Washington DC, and in Florida. Walt listened on 40 CW one Sunday and noted W9WQQ, W9QFQ, KN9MOP, K9EYD, W9RDJ, K9GKT and W9DQI all active on the band.

Some of the most active mobile have been W9NAT, W9RBV, W9WUH, K9GEO, W4CSN, W9UMS, W9MCN, W9OVH, W9RCD, W9BBN, W9ENZ, K9HCE, and K9HZO, who mobiled to Florida and back. W6PKM and XYL had a jr operator. W4IWD was mobile. W9JUH reinstalled his mobile and is active on 14 mcs.

From the ABRL Official Observer.

Key Click Corrections Appreciated:

"We love c.w. but got a KW transmitter which did not have a c.w. circuit in it tho it gave wonderful audio reports on A-3....we bought it with the understanding the engineer would put in the c.w. circuit. Our first reports pleased us (599 & 579). We thought all OK. Then an FCC notice came from Calif.....and for the same date the OO report from W1___. We thank both officials. We did not know the signal had excessive chirp and a key click in spite of a click filter....We are now rechecking, everything. Without the efforts of those checking spurious and offensive signals, amateur radio would not be what it is. Thanks and very truly..." K4___ Chattanooga, Tenna.

HASOH Certificates?

"Don't be surprised if I apply for a HASOH certificate shortly... Heard All States on Harmonics...Also I am going to write sometimes about some of the C.W. signals...I should record some if you can play back..." W E Jones, W2QQ.

"Some even boast, 'I don't know the phone band limits'. 'Yeah, guess my VFO ain't so hot on calibration.' I heard a W9 handling a 3rd party voice relay (like the violations of Art. 42 FCC are currently citing) to CR6AO! It looks as though certain new operators don't care about the rules, there have been 9 discrepancies on 21 mc the past few days. One card had to go to a local school station that had 12 frequencies in the 21 mc band with four outside." W6WNN.

"This out-of-band operation is a disgrace to amateur radio. We should do something more than we are doing now as it is obvious that we aren't doing enough." W3UGV.

"...the segment between 7450 and 7500 kcs is so loaded with harmonics that it sounds like a regular amateur band. One almost becomes weary trying to record them all. Actually the condition with offenders is so bad these boys QRM each other". K4GEZ.

The deadline for the July issue of the Tri-State Amateur Radio Society SPARKS will be Wednesday July 16, 1958. Mail your articles to the Editor, Clifford McGuyer W9DGA, 2900 East Oak St, so as to be received by July 16.

W9UMS has advised Field Day will be held at the same location as the transmitter hunt. It is the "Sweet 16" Gun Club, on Bell Road in Warriok County. Go out Division (Slaughter Ave) street a couple of miles east of the Vanderburgh County line till you come to Bell Road. There you will find a "Sweet 16" Gun Club sign. Go south about a mile to the summitt of a slight hill and turn west one half block. On the east at this summitt is a gate with a sign reading "Newburgh Dump". It is vsery easy to find. The dates this year are June 28 and 29, Saturday and Sunday. Both the TARS trailer and the CD Bus will be set up for all to operate. No emphasis will be placed on score, but just all have a good time. So come out to the "Sweet 16" Gun Club and make a few contacts and meet all your aold friends.

Also, any ham on code who said "Back to you" would have been written up in QST by "The Old Man" as the lowest form of "B-C Listner", and would have been treated with both the Wouff-Hong, and the Rettysnitch. "Back to You" sounds like a modern basket ball game - - Well, well, and La-De-Dah. In those days, we also used the word "Handle" to designate a child's sex, at birth. Why not ask for a name - - It's shorter than "handle". If a ham will not stay on CW long enuf, after he gets his general class to learn to be a radio operator, there is nothing that can be done about it. Ya still can't make a silk purse out of a sow's ear!!!

[illegible]

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

RECEIVERS
IN STOCK[illegible]

OHIO VALLEY SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

[illegible]

NOTES FROM W9FJI

W9NKC has been named Resident Agent for Hoosier Lakes Radio Club. The Vanderburgh Amateur Radio Emergency Service has been awarded a Certificate of Affiliation with ARRL. It was supposed to be 100% ARRL but can't tell from the paper if it is or not. Will write Lillian Salter to see who is not ARRL member. VARES is behind K9LEJ, the Civil Defense Mobile Unit. Walter Heller, K9AYH was recently awarded the Eagle Scouting Rank in Evansville. Gordon Jackson, formerly DL4CT in Germany a few years back, will work for the Square D Company out of Detroit as a Field Engineer.

Reprinted from Short Skip, the Lake County Amateur Radio Club bulletin.

Dear Editor:

Can you tell me where I can get hold of one of these modern Dummy antennas? My old one came out of the hand book some years ago and it's made of a light bulb and don't do a good job.

Reason I want one of the new types is I kind of hanker to use it like some of the boys up in your bulloch I been hearing on 160, tho I don't figure I'll be testing as much as they do. Seems like them boys don't ever call CQ now adays. Instead, they just come on the band a testing and a whistleing, and pretty soon they sign their call and standby, and somebody comes back to 'em and bingo! They're set for the next two hours. Now I know they're using dummy loads on their rigs, cuz FCC says a feller's got to when testing, and that what they're doing by their own admission, and they'd sure ought to know. I mean, if a feller says he's testing, and repeats it half a dozen times, chances that's what he's a doing.

What I don't understand about these dummy loads is this: the feller says he's testing and signs, and hangs up, and right away somebody calls him, and then he comes back to the caller. But he comes back so fast he ain't had time to switch to a wire-antenna, and besides his signal reads the same on my bent-needle S-meeter now as it did while he was testing. Now what's dummy

about an antenna like that?

It's got to be a dummy load, all right, though. Because so often during the next two hours the guys are in QSO, our boy breaks off yakk-ing to whistle at the mike, or tap it with a pencil, or maybe blow at it, so we can tell he's still testing. It's got so I had to quit wearing my phones for them unexpected whistles and taps and blows fair busted up my eardrums till I took to using a speaker; now I just pick the speaker up off the floor and hang it back on the wall like nothing happened.

Anyway, if you can give me the dope on where a guy can pick up one of them dummy antennas like that, I'll sure appreciate it. I want to get me one and hang it on the talk box instead of the 250 feet of wire I'm now using. I know I'll get out better the way them boys up your way do. And then I won't have to mess around disconnecting the wire and hooking up the old light bulb when I want to test the rig out.

Guess you can tell us old guys would kind of like to be modern too.

Very truly yours,

Q. S. Pete.

From ARRL Directors' Letter.

Several affiliated radio club bulletins have recently carried generally-similar stories on what is purported to be the actual origin of the word "ham", attributing it to the initials of a team of three 1908 amateurs named Hyam, Almy, and Murry. You may be interested in some background we have on the subject.

The March 1953 issue of "The New York Physician" carried a story of an interview with a Dr Albert Hyam concerning his claimed early activities in amateur radio and an amateur station which used H-A-M call letters. (This article, I am sure, is the source of the several other items which have repeated the same story.) Among other things, Dr Hyam indicated that while a student at Harvard at 1911 he chose wireless regulation as a subject for a thesis; his work came to the attention of Senator David Walsh of Massachusetts, who asked him to come to Washington to testify on behalf of amateur radio before (next page).

A CONGRESS LAMAL COMMITTEE, ACCORDING
to Dr Hyman, he did not and...
single-handed saved amateur radio from
the greedy commercial and Military
wireless interests.

Dr Hyman's secretary wrote us
shortly after the article appeared
and offered to do a similar story for
QST. We replied we were very much
interested because until then we had
never heard of the story. We indi-
cated, however, that there were sev-
eral conflicts that first had to be
cleared up; the principal ones that
we had a complete file of all congre-
ssional wireless hearings from 1904
to 1912 and there was no mention any-
where of any such instances nor of
such persons as Dr Hyman or Senator
Walsh (although there wasa consider-
able transcript of testimony by other
amateurs such as Charles Stewart,
later ARRL vice-president); also,
that David Walsh of Massachusetts
was not a senator in 1911 but rather
served in the senate only subsequent
to 1919. We have never had a response
to our letter.

Louisville, Kentucky, has been
added to the list of cities at which
FCC conducts amateur examinations
four times yearly. After August 1,
Conditional Class license examin-

to applicants residing within 75
(airline) miles of Louisville.

We wish to extend our sympathy
to Lowell Goodson, W9REB, President,
whose father passed away suddenly
Monday June 16.

TARS JUNE MEETING

The June meeting of the Tri-
State Amateur Radio Society, Inc.,
will be held at the Evansville Comm-
unity Center located in downtown
Evansville at Eighth and Main Streets.
The date is Wednesday June 25, 1958,
the last Wednesday in the month.
The starting time is 7:30 pm Central
Daylight Time.

The program will be a short
talk on Net Operation pertaining to
amateur radio as in use on the Ind-
iana State CW Net QIN. This pro-
cedure is applicable to the local
Civil Defense-Amateur Radio Emergen-
cy Corps phone nets for exercises
and emergencies. The Speaker will be
W9DGA, Route Manager QIN, Sou. Ind.

HAM EQUIPMENT

HAMMARLUND HQ-160.....	\$ 379.00
VIKING THUNDERBOLT, WIRED.....	589.50
Z-MATCH COUPLER, REGULAR \$89.50, SPECIAL.....	75.00
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**3 ELEMENT
HAM
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GRIFFIN, INDIANA.
Lloyd W9MWK
Russ W9GWL

FORWARD GAIN 8.5 DB
(HONEST)

HAM NET
15 METER \$27.50
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FRONT TO BACK RATIO
24 DB

LOW SWR—NEAR UNITY
AT CENTER OF
EACH BAND

BOOM LENGTH 12 FEET
ON BOTH BANDS

Weight
10 meter beam 11½ lbs.
15 meter beam 13 lbs.

NEW COAXIAL CONDENSER
GAMMA SECTION FOR
PERFECT 52 OHM MATCH

ALL ELEMENTS AND BOOM RE-INFORCED AT POINTS OF CONNECTION
ELEMENTS AND GAMMA MATCH SECTION PRE-SET AT THE FACTORY

RUGGED DOUBLE BOOM
CONSTRUCTION

HEAVY MAST AND
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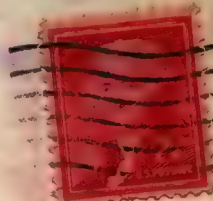
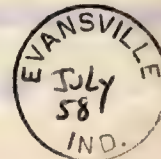
Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



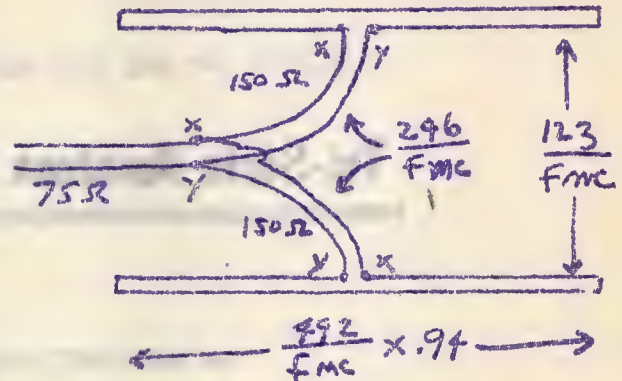
TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

By K9JQN

The 150 ohm twin lead sections are shown longer than an electrical quarter wave to avoid any possibility of tuned effects. (A quarter wave section of 150 ohm twin lead has a length given in feet by the formula $246/F$ in mcs $\times 0.77$). On completion of the antenna which can be assembled in the house, the 150 ohm twin lead should be given a very slight coating of some type of insulating compound to prevent formation of surface film of water during rain or fog.



Be sure to have connections at X and Y as shown for correct phasing. Won't work as predicted if otherwise. This is a very good antenna.

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BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESTCO

428 W. PENNSYLVANIA

W9DGA Editor; W9MWM Advertising;
W9BBV Printing & Circulation.

JULY MOBILE NEWS By W9AIN.

Some twenty five years ago the amateurs of Evansville were spread thin compared present day standards but did include some real good operators such as Allen Salm W9HKT, John Day W9DVO, Morton Silverman W9GZB, Darwin Covert W9KVE, John McCutchan W9MOK, Edgar Carpenter W9OMS, George Pasmore W9PFU, Albert Schoettlin W9UMS, Earl Alldredge W9UNT, Ralph Barnett W9UIA, Carlos Wilson W9TKH, Jack Evans W9TPE, Curt Voyles W9RZR, Vic Wolf W9RLG, Roy McDonnell W9RGS, Ernest Winterheimer W9TTG, Earl Jagoe W9OTC, Andy Pflug W9LDV, Lee White W9IZC, Paul Harper W9HFR, and a few others but Erwin Shoeney W9IGT and Philip Hatfield W9GFS actually went mobile with a model T Ford. This first beginning is confirmed by pictures of the then two young men on a lonely gravel road trying to convince they were really transmitting from an automobile.

In 1947 some fifteen years later Royce Likens, now W4WYB picked up some war surplus gear and wired the entire rear of his car and sailed down through Evansville talking to every one far and wide on ten meters and the race was on. Charles Rogers and Kenneth Parr constructed identical rigs and Paul Robbiano W9NEC started a mobile column in Sparks the new publication of the Tri-State Amateur Radio Society, edited by W9DGA, and suggested everyone go mobile on 29.6 mc to eliminate tuning while driving. Gil Voyles W9THD built a 6 watter and parked with his XYL high in Scales Park and worked from coast to coast. By 1950 there were 40 active mobiles and the round tables became round and long about all one could say during an evening was good evening and 73 before it was time to call it a day. Some of the 1950 gang still mobile is W9BBN, W4NUQ, W9GFS, W9JTU, while W9KVE W9DGA, W9CVN, W9LXW, W9GWL, W9VQW, W9IMI, W9UIA, W9KIE, W9JUH, W9KVL and W9AIN are still around but not mobile at present.

Bob W9BBN has just returned mobile and W9GBB is new in here mobile. K9JQN is about ready to tune up his new mobile and K9INB is operating mobile. K9GEO enjoys his mobile

better than his fixed station. W9NAT and W9GRB are heard often from W9NAT mobile. W9MCN and W9BIT roll in on my fixed frequency receiver. W9RBV, W9OG, and W9WUH are on mobile as is K9HCE. W9ABW is reinstalling his mobile and should keep K9HVI company at Fort Knox. K9EYD is operating portable at Bloomington this summer. W9AJR is active and K9AZK is on 29.6 fixed. W9YZO is mobile again and K9HZO has a powerful mobile signal. K9JOB has a 75 meter mobile and K9EJR was heard on 29.6. Dick W9DQI is active during the summer vacation. K9JQH has constructed a 6 meter mobile rig for his Volkswagon and boat. W9JUH is both mobile and fixed. W9VSD mobile on 6 meters helped signal traffic with W9LIT while moving the trailer Field Day. W9UMS is on months trip to Japan. W9EHU now K4OQK, Gil Ex W9THD and Earl Ex W9UNT spent about a weeks vacation in the home town of Evansville from Smyrna Ga, Duarte Calif, and Gardina Calif.

Last but not least is our Hamfest which is only a month away and we will be looking for the mobiles on 75, 10, 6, and 2 meters so get the mobiles in shape as this is always the one day for both on the air and eyeball QSOs. The date is August 24 at the same location Bauers Grove north of Evansville.

73, Fay, W9AIN.

HAMFEST NEWS

By W9OVB

The TARS annual Hamfest will be held Sunday Aug 24 at Bauers Grove. There will be games and contests for everyone to have fun. Food and Drinks will be served on the grounds. Transmitters will be operating on 2, 6, 10, and 80 meters for the incoming mobiles. Advance registration will be \$2.00 or \$2.50 at the gate. Tell all your friends about the Hamfest over the air. Anyone having ideas on programs or entertainment please contact me at 719 North Main St. Thanks. An examiner will be on duty to give license exams if you have your papers.

FOR SALE. 44' vertical with loading coil for 80, 40, and 20 meters. Made of Down Spouting for Houses. Contact W9BBW, Jim Waible, 500 Van Dusen Ave for details. Cheap \$10.00. Call HA28886 for complete details.

June 15th XMTA HUNT

W9UMS reports the following persons attended the transmitter hunt held June 15th. Cecil Townsend, Mr and Mrs Herbert Young, W9VZX, Mary Ingram, Susie Metoalfe, W9BBW, Roy Cox, W9VSD, Evelyn, and Deborah Galbraith, W9RDJ, Mary Kaye, Ruth Anne, and Ruth Schoettlin, W9UMS, Mary Wurtz, K9JSK, Anna Mary Fink, Joan Patton, Betty Miller, W9RBV, Dorothy McGuyer, W9DGA, W9OG, W9BBN, Pan Porter, W9FHA, Bonnie Wurtz, Sally Harpe, W9RIT, KN9KQU, Henryetta Galbraith, W9WQQ, Lurene Harkins, W9WUH and girls, Myrtle Lofton, Martha Nichols, K9GEO, K9JQN and Mrs Russelburg, K9GBB and Mr Folz, Leayme, Audria Silverman, W9GZB, W9KVE, W9MOH, W9MKZ and W9UMS.

A. W. Schoettlin, Comm Director,
Vanderburgh County Civil Defense Corp,
3890 East Mulberry St, Evansville.

Gentlemen:

May we take this opportunity to express our sincere "thanks" to your unit for very fine performance at this years "Armed Forces Day Parade."

It was indeed gratifying to see such a fine turn-out and job well done. We have received many "Compliments" from Parade Officials, city officials and fellow towns people, on your participation.

Our equipment section of the parade was a very enjoyable and impressive sight. I hope that soon we shall be able to secure more equipment and just as important, more "Volunteers."

Again, we say, "thank you" and keep up the fine work.

Sincerely,

Vanderburgh County CD.

TARS JULY MEETING

The regular July meeting of the Tri State Amateur Radio Society will be held at the Community Center, 8th and Main Streets Wednesday, July 30 starting promptly at 7:30 PM CDST.

A big program is being planned
for your entertainment. Be there!!

[illegible]

RCA

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COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

- 4 -

KN9LAU puts his Globe Chief to work with 32 states worked and 28 confirmed. He uses an S40 for receiving. Jacks best DX is G3BTA.

KN9JQK uses an NC88 and Viking Ranger. Cecil has been sick and not on the air very much but we will be hearing more from her soon.

KN9LVN gets on the air with an SX99 for receiving and a Globe Chief for transmitting. Walt can be found on 40 meters as he has receiver trouble on 15 meters.

KN9MPA uses a Viking adventurer for transmitting and an S85 for receiving. Steve hasn't been on very long but I hear he is really raking up the states total.

KN9LVO uses an DX100 and an AR-3. Howard's brother Blaine K9JZN just received his conditional.

New hams in town are KN9MOP Bud Long, KN9MPA Steve Miller, KN9MOX Gail Mayfield, and KN9MVX Roland Salk. Congratulations and see you on air.

AREC-RACES DRILL By W9DGA.

An AREC-RACES drill will be held Monday July 28 at 7:30 PM. Report either to the AREC trailer or the RACES bus. The trailer will be at the home of W9AIN and the bus in the vicinity of the City Garage at Governor and Division street. In charge at the bus will be W9RDJ and W9WUH and at the trailer W9RBV and W9AIN. From 7:30 to 8 pm the above operators will teach all present the tuning procedure of the various pieces of equipment. At 8 pm an on the air exercise will take place in the form of messages originated at the trailer by K9GBB given to the bus on 29.6 mc. The operators at the bus will retransmit the messages back to the trailer on 6 meters to be compared by K9GBB with the original. Operators will rotate positions. Please be on time!

FCC announces prefixes to be avoided are FI8, XU, PK, EP, EQ, XV, 3W and YB to YH. Also watch third party traffic that you may handle.

The windstorm of June 10 pointed up the fact that we are not putting enough emphasis on when we are supposed to have an alert. It stands to reason that if the telephone lines to your particular location are down, that you are not going to get an alert call by that means. Also if there is a storm that is uprooting trees and blowing roof tops off, nobody is going to knock on your door and ask you to report conditions at your QTH on your local emergency net frequency. You have to do that on your own hook. We don't necessarily want our people to be out running around during an emergency, but after the danger has subsided, then is the time for us to act.

There were only three stations on 29.6 mc emergency frequency after the wind died down June 10. Two of those stations were mobile and they assisted in directing traffic around a fallen tree on Lincoln Avenue until the county sheriff arrived. They were W9OVB and W9UMS.

We didn't have any formal requests for assistance after the windstorm, however in the inevitable confusing that follows in the wake of all disasters, formal request for assistance may be delayed for hours. In numerous instances AC power service was interrupted for an hour or more but no reports were received on the emergency frequency of that fact from mobiles in the areas involved. We must realize that we cannot always tell the seriousness of a disaster from what happens to us personally, others could be in serious need of help while we have escaped unscathed.

We should place more emphasis upon the fact that emergency communications means operating our amateur gear during or after some situation that could save lives or property.

TARS SPARKS DEADLINE

The deadline for the August issue of TARS SPARKS is August 13. Items must be in the hands of the Editor W9DGA, 2900 East Oak Street by August 13. Items received later than August 13 cannot be included in the August issue of SPARKS. If you have an article for publication please send it in. Remember the big TARS HAMFEST August 24.

.....At this time, it was brought out rather forcibly that the AREC should be kept active and strong by the Indiana Amateurs to prevent loss of identity through possible affiliation with Civil Defense.....
...23 member clubs answered roll call.....the applications of 5 new clubs were approved.....The Secretary (W9FJI) was instructed to write Civil Defense officials to see their reaction to having drills on week ends so more amateurs could participate...leaving a cash balance of \$185.72.....W9CMT (State Emergency Coordinator) stated that since it is not practical for many counties to work with Civil Defense, it was advocated that each EC build up the local AREC group to be ready when called upon during an emergency.....
..W9TQC (SCM) asked all Ind amateurs to make monthly reports to him.....
..Clubs should see that their AREC EC is active and if not co-operative the EC should be asked to resign..
.....Clubs should promote the BISON subscribe as a club, appoint a member to solicit subscriptions.

I had planned to be over to the (June) club meeting but can't make it due to the fact that the "Island of Griffin" is getting smaller and smaller. I had hoped to bring one of our "Needle Bender" beams over and show its construction to the fellows.

At the July meeting we will try to get the job done. My sincere thanks for inserting our copy in SPARKS.

Russ. W9GWL

ARRL BULLETIN. US amateurs wishing to operate in Canada and Canadian amateurs desiring to operate in the U S are reminded that they may secure authorization to do so. U S amateurs should obtain, fill out and file forms through Telecommunications Division, Dept of Transport, Ottawa, Canada. Appropriate authorization will then be issued and should be shown to customs authorities at the border. Write for forms well in advance. More details on across the border mobile work appear on page 9 of April 1957 QST. TARS Hamfest at the Baurers Grove north of Evansville August 24, 1958.

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HAMMARDLUND HQ-160.....	\$379.00
VIKING THUNDERBOLT, WIRED.....	589.50
Z-MATCH COUPLER, REGULAR \$89.50, SPECIAL.....	75.00
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SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

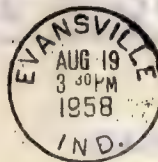
Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



TO

Clifford McGuyer 80470 on L9DGA
2900 E. Oak St.
Evansville, Indiana

"SHOTS FROM HERE AND THERE"
By K9JQN

The FCC has reallocated frequencies in the 26.97 -27.23 mc band from Amateur to Citizens Radio Svc.

Central Electronics, Inc., reports that an increasing number of sales to radio amateurs have been for wired or finished equipment rather than kits. No one building anymore?

The possibility of publishing an Amateur Directory of Vanderburgh County is being considered at the moment. To make it possible every amateur should have to fill out a short questionnaire. We wonder how many would cooperate????

Things we lay awake, worrying about at night: Will W9JFJ work Arkansas? Will K9JQN ever work six meters from his boat? What would happen to "daytime 15 meters" if K9KOQ, K9GKT, K9EJR, and K9GGW left town? What W9WUH would do if people called to work the Amphitheater? K9HCG's phone patch giving up the ghost? People fighting to take "net Control" on Mondays on

HAMFEST AUGUST 24

MOBILE NEWS

By W9AIN

This is the time when mobiles are popular, Hamfest time. Each year the Tri-State Amateur Radio Society sponsors a hamfest at Evansville with the mobiles taking special interest with the many games, personal contacts and the fine prizes this hamfest is noted. August 24th is the date and Bauers Grove in Darmstadt is the location. This location has proved popular for several years. See you at the Hamfest.

K9GBB and K9HVI is a family team of mother and son and son and both are very active both fixed and mobile. W9YZO is very active mobile has encountered a near calamity with his fine home station when a lag of the operating table gave and clumped all the gear in a heap on the floor. Doc says the breaking tubes and bent cabinets made a dis-

(Cont'd page 4)

29.6 mc? That more than five will check into the net on Mondays? That it might rain August 24? (Will FCC ever make the hams prove they can copy 13 WPM on renewals? Ed.)

Things we are happy about: The group that helps with the parades, amphitheater, etc; there are less misaddressed QSLs coming thru the mail now; more local activity on the bands lately.

Did you know that for four dollars you can join our local radio club (TARS) and that if you'll join, We'll sign up any buddy of your choice for the same price.

Has anyone noticed the lightning rod on the house at 1420 South Grand Ave?

Well, see you all at the Hamfest and don't forget to bring the four dollars. What four dollars? Why to join the Tri-State Amateur Radio Society, Inc., with of course. We'll sign you up right there at Bauer's Grove the 24th. Don't forget----the 24th.

HAMFEST-BAUERS GROVE-AUGUST 24th.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRAND RECORD CHANGERS, AMPLIFIERS AND SPEAKERS. RADIO AND TV TUBES, PARTS, ANTENNAS AND FEED LINES. BEST BUYS FOR THE AMATEUR!!

Wesco Radio

428 W. PENNSYLVANIA

W9DGA Editor; W9MWM Advertising;
W9RBV Printing & Circulation.

Reprinted from DARA QMC BULLETIN.

EDITORIAL

By W 8 D Q L

I cannot help but be alarmed at the lack of technical proficiency of the modern day radio amateur. The day is not too far removed when the only skill involved in amateur radio operations will be the manual dexterity which must be exercised to manipulate the switches. Am I too sentimental to ask what has become of the build it, repair it, and operate it ham? The word ham when applied to radio amateurs used to connote a knowledge of radio. The advent of easily obtained commercial gear has made a backsliding type of ham. It is nice to be able to obtain gear at a nice price with a minimum of expenditure of time but let's at least have the knowledge of the gear which we operate.

Destructive criticism has never lent much so I guess that I should propose an answer to this problem. It appears to be quite obvious. Let's push for an incentive type licensing. Let the progress in the field of communication which has been made by hams in the past be inculcated in the minds of today's neophyte. If we are only getting one better ham by this method, then we still have progressed. An incentive to use frequencies which would be available for this license class would do away with the memory artists who plague our bands and are in part contemptuous of radio theory. We must make our hobby a group of well-balanced radio men. Let us welcome newcomers, but let us also demand a degree of proficiency which in the eyes of others justifies our existence.

-30- W 8 D Q L

FOR SALE. RCA RAL-6 .3 to 23 mc, RCA CRV-46155 15 kc to 600 kcs receivers, CMX 20131-A power supply, RTTY power supply, Xformers and Condensers, 814 tubes. See K9GBB-HA47388.

"YOUR 1959 LICENSE PLATE" By W9DGA.

Received a letter from Cliff Bemish, the Director of Special Sales Bureau of Motor Vehicles, State of Indiana regarding next years license plates.

To have your plate made, form #140 when completed and notarized, is to be mailed or presented to the Director of Special Sales, Bureau of Motor Vehicles, Room #133 State House, with the remittance of \$2.00, certified check, draft or money order. Do not send a personal check unless it is certified.

Applications to have this Amateur Radio Plate made should be made on or before October 1st, as it takes at least 60 days to have these plates made and all Amateur Radio Plates would then be available in the Bureau when the applicant sends in his application for registration after January 1, 1959.

After plates are made, they are issued only at the office of Director of Special Sales, Room #133, State House.

When application is sent direct to Director of Special Sales by applicant, application must be signed, notarized and accompanied by tax receipt and proper fee plus 50¢ service charge.

We will mail an application to every Amateur who applied for these plates for year 1958 in the next few weeks. Get your applications in early, plenty time before October 1st.

HAMFEST AUGUST 24 BAVERS GROVE

Reprinted from MARC SPARKS. So Bend.

"LATEFLASH"

The Michiana Amateur Radio Club, Inc., has again won the IRCC plaque for the 1958 Field Day. This is the 6th year that our club has been so honored. Our THANKS TO THE CW GANG for their FINE efforts and for their VICTORY under very trying conditions. Thanks also to the Notre Dame gang for their excellent arrangements and hard work!!

"NOTES FROM W9FJI"

W9RDJ has been on RTTY on 7140 kcs. Hank says that his new Hi-Gain Vertical certainly helps in getting out. This all band vertical has ended Hanks antenna problems.

K6JQZ, ex W9UNT spent the 4th of July period at and near Evansville. Earle reports California is finally beginning to take hold and likes both his work at Hughes and the climate FB. His family all enjoyed the trip home to see their many friends. The mobile rig in the Chevvy is a 6146, 5 band unit, powered by a PE101C, putting out 60 watts with splendid results.

W6TOD, ex W9THD was also in Evansville at the same time to see his many old friends. Gil called this writer while in Princeton enroute to Chicago and West, came out but got the wrong house so we never met. Tough luck Gil, but better luck next time.

We hear that Gordon Jackson, W9MZE who recently graduated from the Tri-State College at Angola,

HAMFEST AUGUST 24

MOBILE NEWS, CONT'D.

couraging sound and even looked worse. The damage was coincidental. K9JQN is hard at work on making an amateur directory and desires answers from every licensed amateur. This directory will be a "Whose Who" of Amateur Radio.

W9OVB is on Mobile from his Mercury and has receiver as well as Transmitter. K9GEO has a new fixed station and says his gasoline expenses requires less mobile operation. W9KLX was heard on 29.6 mcs recently and K9KOQ reported into the monday evening TARS meeting on the air at 7:30 pm. W9RDJ, K9GBB, W9YZO, W9WUH, W9OVB, K9KOQ, K9JRI, W9OG, and W9WQQ are some stations joining the gabfest. There will be a mobile contest at the Hamfest on August 24th. Will see you at Bauers Grove. W9BBN has a strong signal with his temporary mobile installation. W9JTU reports radio has been rather slow on the West Side. See you at the Hamfest.

is now working at Fort Wayne, supposedly for Magnavox.

A letter from Father Kevin Ryan W9NTR at St Meinrad tells us that he is again in the West; at Shosone, Idaho this time, busing riding the range and assisting the clergy there as he well knows how to do. Has met a few hams, knew them from QST articles.

Recently it was the turn of W9PNE, brice to be DX for a while. It seems that six meters was to all intents, DEAD. Brice turned the beam west, called CQ in a llesurely manner, stood by and the entire west coast was calling him. So many were after him that certain frequencies was a solid mass of heterodynes. He gave many their first Illinois station on six meters. He uses a 2E26 to a WRL beam and an NC 183 rcvr.

TARS HAMFEST AUGUST 24

ARRL BULLETIN. The Federal Communications Commission has now made final its proposal in Docket 11994 concerning the 11 meter band and effective Sept 11 withdraws 26,960 to 27,230 kcs from amateur use.

HAM EQUIPMENT IN STOCK

HAMMARLUND HQ-160.....	\$379.00
VIKING THUNDERBOLT, WIRED.....	589.50
Z MATCH COUPLER, SPECIAL.....	75.00
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TALK-A-PHONE WIRELESS INTERCOMS	72.00
HALLICRAFTERS SX-38E.....	54.95

NC-109 and NC-88. HY-GAIN BEAMS FOR 10, 2 and 6 meters.

MANY OTHER RECEIVERS AND TRANSMITTERS, NEW AND USED. SEE CASTRUP FOR YOUR AMATEUR RADIO NEEDS. WE TRADE FOR MOST ANYTHING!!!!

Castrup

1014 WEST FRANKLIN STREET

HAM FEST NEWS

BY W90VB CHM.

BIG PRIZES

#1 HQ 110

#2 HEATH

"Q" MULTIPLIER

#3 HEATH
REFLECTOMETER

The Tri State Amateur Radio Society Inc., will hold its annual hamfest Sunday August 24 at Bauers Grove. There will be games and contests for everyone to have fun. Good food and drinks will be served on the grounds. Transmitters will be operating on 2, 6, 10, and 80 meters for the incoming mobiles. Advanced registration will be \$2.00 or \$2.50 at the Gate. Your registration blanks will be mailed under separate cover. Tell all your friends about the hamfest over the air. An examiner will be on duty to give license exams if you have your papers. For more information contact W90VB at 719 North Main Street.

BAUERS GROVE AUGUST 24

Sept SPARKS deadline is
Sept 10th. Be on time.

AVOID VIOLATIONS OF ART. 42

W6VX called local FCC when he heard W8PQR got an FCC notice for handling third-party voice communications with a DL4. FCC assured him that except for special agreements such enforcement was probable and routine for U.S. amateurs directly working such traffic "with any stations overseas not signing a K or W call." Also KAs like JAs have no 3rd party privileges. Third-party amateur work under special USA agreements is permitted only with Canada, Chile, Costa Rica, Cuba, Ecuador, Liberia, Nicaragua, Panama and Peru. Treaty Art. 42 forbids amateur stations to transmit ANY international communications on behalf of 3rd parties...

It is the rule of a good operator --always listen before transmitting test or otherwise on the frequency..W6ZF, Vice-Dir.

100 KC VHF-CW REQUEST FOR 6 & 2
IN FCC PROPOSED RULE-MAKING STATE

TARS HAMFEST AUGUST 24

SCANNING THE BANDS

By K9AZK

Scanning the high frequency bands I hear active: K9KQ, John on CW and phone operating 15 and 40 meters. K9GBB, (the Dump'er in gal) on 40 and 80 phone. K9JQ, Mike is on with a new linear operating fphone and CW. KN9KQV is active with a new 3 element 15 meter beam. W9QFQ is still heard on 40 cw with a fb fist. K9GGW is back on 15 meter fone with a new 3 element beam and trying to work some DX. K9GEO has a new Viking Ranger. W9PHA and myself went on a three day night expedition to Camp Pohoka, near Mt Vernon with a rig and a communicator. We worked W9PNE on 6 meters. He has 30 states on six with 18 watts to a beam. He says 6 is wide open quite a lot of times. John and I worked a bout 35 states and had lots of fun.

Don't forget to come to the Ham fest. It will be the get-together of the year at Bauer's Grove on August 24th. C U there.

The board asked prompt FCC consideration of the proposal to have 100 kc. CW only segments at the low ends of these bands. This was in the belief that such arrangements would further the working of VHF DX and our consequent contributions of propagation data in the IGY program. FCC was prompt and has already acted to issue a notice of proposed rule making to accomplish such rule changes, setting the final date for filing comment as Aug 29th.

ARRL BULLETIN. Dr Lee De Forest who developed the vacuum tube will be 84 years old August 26. W8BAH writes that the doctor is already receiving congratulations from many fellows amateurs. ARRL members desiring to send him birthday greetings or a QSL with personal good wishes should address them to Dr Lee De Forest, 8190 Hollywood Blvd, Los Angeles 46 California.

TARS HAMFEST AUGUST 24

Doc, W9YZO reports that he has his mobile working once again. His transmitter is a Gonset 77-A and the receiver is a Gonset 66-B. He is using the new Heli Whip antenna.

RCA: TUBES, PARTS, EQUIPMENT

HALLICRAFTERS: RECEIVERS IN STOCK

COMPLETE LINE OF COAXIAL CABLES,
RELAYS AND MOBILE ANTENNAS IN STOCK

Ohio
Valley
Sound

20 EAST SYCAMORE



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

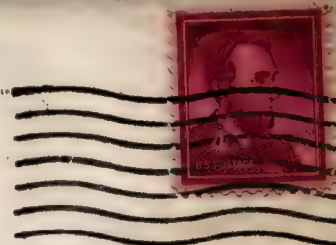
Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



TO
Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

"SHOTS FROM HERE AND THERE"

By K9JQN

First off this month, we want to clarify the new postal rates. New rates as follows:

SURFACE MAIL

Letters (U.S., Canada, Mexico)--
4¢ per ounce; all other countries--
8¢ for first ounce plus 5¢ for each additional ounce.

Post Cards (QSL) --(U.S., Canada, Mexico) -- 3¢ each; all other countries are 5¢ each.

AIR MAIL

Letters (U.S., Canada, Mexico)--
7¢ per ounce; Europe 15¢ half ounce,
South America 10¢ per half ounce,
Asia and other Pacific Islands 25¢
per half ounce, Mediterranean coast
of Africa and Asia 15¢ per half ounce,
remainder of Africa 25¢ per half
ounce.

Post Cards (QSL) -- 10¢ any country.

The airmail rate for foreign letters is a general one and should be checked for a specific country.

It is interesting to note that the Radio Technical Commission for Aeronautics has gone on record against going SSB on the basis it is not suitable at present for commercial and civilian use.

Notes on the directory, out of 164 forms mailed out, 102 were answered. Of the ones not heard from some are in service and others have left the city and some will not participate in anything. All in all I am well pleased with the results and as soon as it is decided as to the financing method, it will be printed. Present figures indicate it will contain 16 to 20 pages and total costs will be \$20-\$25. This TARS Directory will be given out at the TARS club meeting this wednesday. They will be given free to all paid up members, and will be sold for 25¢ each to all others. The supply is limited, first come first served. The director is correct to September 8th.

Congratulations to Roy Cox K9EKV a new conditional and to Earl Green who is waiting for his novice ticket to come in.

CU all at the TARS meeting.

73, Jim.

GLOBE CHIEF (WIRED), LIKE NEW.....	\$ 50.00
AT-1 (USED) TRANSMITTER.....	25.00
PHILMORE TRANSMITTER(WIRED).....	20.00
6 METER TRANSMITTER.....	65.00
VIKING VFO (WIRED).....	50.00
HEATH VFO (WIRED).....	19.95
EICO HF-20 AMP.(WIRED).....	54.43
S-40A RECEIVER, EXCELLENT.....	65.00
S-86 RECEIVER.....	95.00
MASCO HI-FI AMPLIFIER.....	35.00

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WE STOCK COMPLETE SYSTEMS, CONVERSION UNITS,
CARTRIDGES. GET IN ON THE NEWEST IN HI-FI!!!!

CASTRUP

1014 W. FRANKLIN STREET

"MOBILE NEWS"

By W9AIN.

Once an amateur in Evansville always a TARS admirer, W6GQA was W9KDD here with Indiana Bell about 1940. Al worked W9RBV and inquired about W9KVE, W9TTG now in Indianapolis and your editor. During the past couple of months we have been honored by a number of our ex members. Ben Zieg, Gil Voyels, Earl Aldridge, Barney Baldrige, and Bob See, Bob Begeman and John Clemens. We are always glad to see any of the old gang return home.

Phil W9GFS now has extended his mobile operation to 75 phone which probably completes the cycle of all frequencies starting with 75 phone mobile twenty-five years ago.

The monday evening net at 7:30 and on 29.6 is interesting and growing with about 10 to 15 active every week with a roundtable from 30 minutes to an hour.

Paul W4CSN is seen and heard regularly on 29.6 and 50 mc. K9MPA has dropped the novice N with a brand new conditional. K9OLH is new in Evansville from Indianapolis.

W9ZPP is active again. W9KVE visited Baltimore. W9EKV is another active new conditional.

Although I worked most of the Hamfest I enjoyed this years event and everyone seemed to have a very nice time. Now is the time to plan for the TARS election in October for your 1959 officers.

73, Fay.

SPARKS

SEPTEMBER

1958

W9DGA Editor

K9JQN Printing and Circulation
W9MWM Advertising.

TARS SEPTEMBER MEETING.

The regular September meeting of the Tri-State Amateur Radio Society, Inc will be held at the Community Center, 8th and Main Streets, Wednesday September 24, starting promptly at 7:30 pm.

A big program is being planned by your leaders for your entertainment. Make your plans to attend this interesting meeting. Be there!! You just could win the door prize.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA

RADIO DRILL

A TABS-CD-ABEC drill will be held Monday September 29 at 7:30pm. Report either to the CD Bus or the TABS Trailer. The Bus will be at Governor and Division street and the trailer at the home of W9AIN.

CQ CONTEST

Here's how to get a year's supply of CQ for a dime. Drop a Card to CQ News, 311 Rosemary Rd, Toronto 10, Canada and tell them (1) in 1 sentence the number of QSO's of at least 10 minutes duration you had during October 1958. (2) In what paper you are reading this. (3) Enclose a dime coin. The ham with the greatest number of contacts will get CQ free for a year and only he will be asked to send a copy of his log. All entry fees (10¢ coin-no stamps please) will be applied to buy CQ subscriptions. The greater the number of entries, the greater the number of winners. This will not be advertised in CQ. Your chances are excellent - be sure to mail your entry before Nov 29, '58. Watch for the announcement of the Winner in January. If this is well received they will make it a regular feature.

ABRL Bulletin. The Montreal Amateur Radio Club invites all amateurs in the U S, its Possessions and Canada, to take part in a VE/W Contest to be held from 1800 EST September 27 thro 2359 EST September 28. US hams trying for the WAVE award or the newly announced Worked All Canada certificate will be especially interested in participating. Complete rules for WAVE, WACAN, and the 1958 VE/W contest appear in September QST.

OCTOBER SPARKS DEADLINE

The October Sparks Deadline will be October 17. Mail your information and items to W9DGA, 2900 East Oak St so as to be received by October 17.

Roy Cox, K9EKV has a new 60 foot antenna mast with a 10 and 6 meter beam on top of it. W9DGA attended the 12th Annual Indiana State Police Invitational Pistol Matches held at Putnamville Sept 16, 17, and 18th and won high Expert in the .22 Cal National Match Course. W9JFJ Humpty, and Harry K9HCG are having a DX Contest, winner to receive big Steak Harmonics, mostly from Novice and new Conditional Class operators make up the largest number of FCC notices and violations. How are yours?

RCA

HALLICRAFTERS

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY SOUND

20 E. SYCAMORE - $\frac{1}{2}$ BLOCK EAST OF MAIN

4



SPARKS

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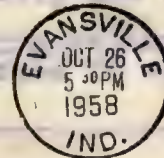
Tri-State Amateur Radio Society

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AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

"LETTERS"

Dear Mac

Dear Mac:

Think its about time I send in some more loot for my subscription to SPARKS. I sure do enjoy it very much. Sorry I didn't get to meet everyone in person when I was in the past summer, but just could'nt make it all the way around.

Talk to Earl Ex W9UNT every Saturday night at 1200 midnight on 29.6 mcs (2AM Sunday your time). We are line of sight although about 30 miles apart. I live about 1500 feet above sea level and he is down in the valley near the coast. I hear you guys out here all the time. Heard your transmitter hunt last sunday Oct 5. It sure makes me sick for the Ole home town.

I am on the air from my new location with a DX100 and dipole antenna bout 10 feet above ground. My new address is 1518 Atchison Street, Pasadena, Calif.

I dropped the N from my call letters and received my conditional license October 3. I traded the DX35 in on a Viking Valiant, of course there was some difference in price, Hi. I am about ready to go on 80 and 40 meters. I hope to join the Local Phone Net as soon as I can get lined up on 10 meters. If and when I do get going I owe a lot to W9AIN and W9WUH and the many fellows who have been very helpful to me. I hope I am able to help some inspiring novice in the few techniques I have mastered.

I hope to get a triband for 10, 15, and 20 meters about the first of the year. I am the father of Charles Green, formerly W9FFH, now W1LOW. Charles lives in Norwich Conn, about 15 miles from the sub base at Groton. I made a contact with him on 80 CW last winter. He is Communications and Security Officer on USS Trout, SS 566.

Best of 73's,

73,

Gil Voyles, W6TOD.

(#2 received Gil and given to the treasurer.)

Don't forget the SS contest.

C R Greene, Sr
K9JQY.

K9HCG now has worked a total of 94 countries with 73 confirmed.

RCA

HALLICRAFTERS

COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY
SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

SPARKS

OCTOBER

1958

W9DGA Editor

K9JQN Printing and Circulation

W9MWM Advertising

Send your information and items to
W9DGA 2900 East Oak Street Evans-
ville Ind. so as to be received by
November 19 for the November issue.

Sections no. 10

1 "MOBILE NEWS"

By W9AIN

The ten meter band has been good the past month for mobile operation for the western part of Europe. The west and East coast skip has been very good also. Earl K6JQZ ex W9UNT a former TARS member has been exceptionally good with a phone patch on Saturdays of more than an hour through W9OG. Heard a Denmark station with good volume on 29.6 recently and some Alaskans were heard loud and clear.

The local activity on 29.6 mcs was also good during the month with President W9RBV, Treasurer W9OG, K9HCE, W9OV, K9GEO, the Ole Doc W9YZO, K9HVI and W9UMS all mobile. W9LXW, W9MJU, K9EKV, K9JQO, K9JRI, W9MKZ, K9MPA, K9JQX, K9GBB, K9JQN, W9ZPP and your mobile editor W9AIN were all on 29.6 mcs during October.

There were two transmitter hunts during October which were well attended.

This is the month we are to ELECT OFFICERS for the year of 1959 so come out with the thought of electing people who are active and will present a full year of interesting activities for our organization.

Ex W9NEC now W6PKM spent two weeks visiting friends and relatives in and around Evansville. Don't forget the election of Officers. See you there October 29.

NEWS ITEM from K9JQN

The following information has come over the air from many sources on 10 and 15 meters. Nick got it from Fresno Calif and I got it from Phoenix this afternoon.

There is a small boy who is dying of cancer. I don't believe he knows it. He was asked what he would like. His answer was that he would like to visit Disney Land Park. This has been done. His second request was that he would like to receive an amateur QSL card for himself. This request has been learned of by many amateurs in his area and has been passed all over the country and they are asking that all who hear the request to pass it on. The idea being to flood him with cards from all over. If you would like to help on this, and make a small boy happy please send a QSL card and say, get well, to: Master Paul Jones, Childrens Ward, Building 151, Balboa Naval Hospital, San Diego, California. I know he will really appreciate it.

"TRANSMITTER HUNTING INDIANA STYLE"

By K9JSK.

Although the transmitter hunt of October 5 put on by K9GEO was advertised as the last one of the season but by popular demand another hunt was staged by W9MKZ and K9JSK on Sunday Oct 19. In spite of a few minor technical difficulties the affair was a howling success. Part of the trouble was of the "Cookpit" variety, Hi. The hunt began at 2:15 pm with all hunters gathered at Bosse Field parking lot for a speedometer check. Signals were on 29.6 mcs and 50.58 mcs. After a report of no modulation from W9UMS Robby found the audio gain control on the Elmac and things got off to a flying start.

We actually did have some intermittent modulation trouble but on the whole everything came off fine business. Over 20 people participated in the hunt and everyone reported having a lot of fun, and wanted to know how soon another one could be planned. More on this latter.

(next page)

"TRANSMITTER HUNTING CONT'D"

The site of the hidden signals was in Lakewood Hills off Oak Hill Road at the home of Mr Susat, 2901 Wayside Dr. Our hospitable host even relinquished his garage so we could hide our car.

K9MJR and K9MVX was first to approach the vicinity. These two lads rolled up several miles on the speedometer circling the block trying to pin point the well hidden antenna. W9UMS was next on the scene and actually passed us by while Robby was caught off guard and was standing out in plain sight of all. Al retuned and had us zeroed this time. With a low mileage of 11.4 miles Al was declared the winner. K9MJR and K9MVX were right behind him. The hunt was then called off at 4pm. Most of the others were very close by and arrived quickly. Others in on the hunt were W9AIN, W9WUH, K9GEO, K9JQN, K9JQO, K9JUS, K9PNJ, and W9NZC. Several SWLs also were in on the fun.

Hot and cold drinks were served by Mrs W9MKZ and Mrs K9JSK. Al has agreed to hide the next transmitter probably on a Monday night instead of the usual AREC drill. Check with W9UMS. A loop is very easy to make. See you at the next transmitter hunt. Good looping.

Check your transmitter for harmonics.

The following was received in the mail with an Evansville postmark and signed just "Sparkie"

Editor of SPARKS,

Did you hear about the local ham who called CQ 4 times with no results until another local ham called him on the phone to tell him several stations were answering his CQ's on 75 meters, and wondered why he didn't answer them instead of taking off on another CQ? The first ham said "75, why I am on 20 meters"?

HAQW 709, Sparkie

The regular October meeting of the Tri State Amateur Radio Society will be held at the Community Center, 8th and Main Sts at 7:30pm Wednesday October 29. Annual election of Officers and Directors will be held

FO SALE. The following 1939 issues of QST Jan-Mar-Apr-Sept-Nov-Dec. \$1 each or \$5 takes the lot. W9DGA

Bill Bushing HA9329 has some Trimm phones and a phone patch for sale.

Call letter License Plates. Just a reminder, have you ordered yours yet? Do it now before your forget.

"EVANSVILLE'S HI-FI HEADQUARTERS"

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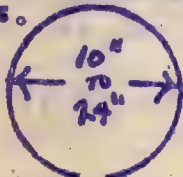
428 W. PENNSYLVANIA

"DIRECTION FINDING LOOPS"

By W9UMS.

Interest in transmitter hunting seems to be growing in leaps and bounds in the Tri State. Approximately 25 persons participated in the Hunt last Sunday and an even larger group is expected for the one to be held on the evening of November 3. For the newcomers in this field it may be well to again outline the fundamentals of this branch of our hobby.

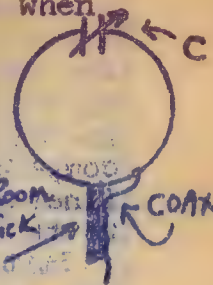
First, the equipment needed can be as simple or as complex as is the desire and the pocket book. Many of the hunters use only a receiver that will receive on 29.6 mc and a simple loop that can be constructed in an hour with nothing and a broom stick, a piece of wire or tubing a variable condenser and some RG8U or RG58U. Wrap the heavy wire or tubing around anything round from 10" to 24" in diameter so as to form one complete loop or turn. Cut off the ends and leave a bout 1" between openings so that you have a gadget that looks like this.



Now mount a broom stick at the exact center opposite from the 1" opening.

ing. Next obtain a small variable condenser, and mount it across the opening at the top of the loop. I have found that a variable air dielectric to be superior to the mica padding condenser because of its ease in adjusting. Next take a piece of 52 or 75 ohm coax lead and fasten the shield to the center of the loop under the wood handle. the center conductor should be connected to the loop at a point on either side of the stick so as to have an impedance match equal to that of the coax line. This point of connection is not critical and it is not recommended that one attempt to find this point by measurement. I have used measurements from 4" to 6" from the stick without any appreciable change. Here is the way

your loop should look when completed. Now we are ready for the most important part, that of tuning the loop. Insert the coil of a grid dip meter inside the loop and tune the meter until you find the resonant frequency of the loop by using the meter as an absorption type. Adjust the variable condenser until the resonant point is about 29-30 mc. You may have to add a padding condenser around the variable or take out some plates to get the loop to tune to the desired frequency. After you have reached the point where the loop will tune at about this frequency, connect the loop to the receiver and tune in a signal on 29.6 mc. Readjust the variable condenser until this signal peaks. Your loop is now in tune. If you do not own a grid dip oscillator borrow one or use the receiver only. If a loop is not exactly in tune bearings will be false and signals will be weak.



If you care to carry the art of transmitter hunting to more advanced stages instal and R.F. control to the receiver and an S meter. Possibly someone who has a circuit of the fixed 29.6 mc receivers so many of the fellows are using can outline the exact joint where these luxuries can be wired in.

In using the above described loop always tune for the weakest signal while rotating the loop. The transmitter will be then located in one of two directions so you look through the loop. At this point you can gamble and take off in the direction of which you think the transmitter is located, or proceed to another spot at right angles to your first bearing and determine where the lines cross. Ifind the latter method the more satisfactory. If you wish you can use a compass and protractor and plot these lines on a map. If you care to go still farther in an effort to obtain accuracy you can use the angle of declination in your calculations.

(Next page).

DIRECTION FIND LOOPS CONT'D:
At Evansville the angle of declination is 3.2 degrees East. This means that a compass bearing is 3.2 degrees off true north and that this error should be compensated for by moving your lines on the map 3.2 degrees to the west. Maps are available at Smith and Butterfield or better yet from some of the gas stations. After reading this article keep in mind that W9YZO once came in first on a transmitter hunt without any gadget except his receiver and his whip antenna on the rear of the car.

"SHOTS FROM HERE AND THERE"

By K9JQN

On October 5 a transmitter hunt was held and the turnout was very encouraging. The weatherman cooperated and everyone had a good time. W9UMS won first prize.

The ham directories are going fast and to make it available to all who might want one we are going to mail copies. To all paid up club (TARS) members who want a copy by mail, it will be free plus 15¢ mailing costs. To anyone else it will be 25¢ plus 15¢ mailing costs. Send your orders to PO Box 51, Evansville Indiana.

Two area nets are really picking up lately. The AREC net for formal traffic on 29.6 Mondays at 1930 CST. The other is the Chow, Call net held by our neighbors across the river for rag chewing each evening on 29.1 and I'm sure everyone withing hearing distance is welcome. Heard W9AZU ringing out daylight time at 2 on Sept 28 on 40 meters. Also ran across XQ8AG on 10 meters. He is with a Vanguard station at Antofagasta Chile and says he is the only XQ8 station. W9JBJ and K9HOG note. The question has been raised concerning free QSL cards. How many operators would be willing to use a standardized QSL card publicizing Evansville to be paid for by some civic organization and distributed free to amateurs participating? Why not drop your ideas on this to the club on a post card or better yet, attend the meeting and voice your opinion there. We have a new novice with us KN9PNJ Earl Green 1700 north Red Bank Road, and Morris Johnson KN9PAR 5225 Chadwick Dr.

TRANSMITTER HUNT. November 3, at 7pm. Meet at Bosse Field for Speedometer check.

Mrs Ernest Risley head of Muscular Distrophy needs helpers Nov 9 for MD collections. If you would like to assist her call HA39919.

GLOBE CHIEF (WIRED), LIKE NEW.....	\$ 50.00
AT-1 (USED) TRANSMITTER.....	25.00
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1014 W. FRANKLIN STREET



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

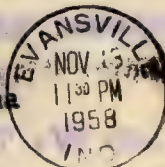
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Main P.O. Box No. 51
Evansville, Indiana

TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana



L9DGA

PRA
FOR
DEAC



SHOTS FROM HERE AND THERE

By K9JQN

Well, I guess the biggest local news in ham radio this month is the marrying up of Little Ed, K9HVI, the 8th of November. Did manage to get by to congratulate Ed, and meet the new bride, Charlotte. Must say that I certainly agree with Little Ed's choice.

This writer and K9GEO hid the transmitter on Monday evening the 3rd, in another of our well attended hunts. This hunt being held after dark, plus the fact that many participants never heard of Muenstermann and Reichman Avenues, made it a little more difficult. However the Old Pro W9UMS with his partner W9DGA again located the site with a bare ten minutes left in the hunt. This team was closely followed by W9MKZ. Mileages were: W9UMS/W9DGA 7.6 miles; W9MKZ 11.5 miles; K9JSK/K9MVX 14.9 miles; W9NZC (who ran out of gas as he coasted up) 24.2 miles; W9AIN/K9EKV 25.5 miles; K9JQO/SWL Don Weber (who had mechanical failure of the loop) 35.5 miles; W9OVB had no mileage reported as he went directly home after the hunt ended. We were hoping that all would end up lost in Mesker Park, but the signal was so strong, cars were all over town.

This writer has finally gotten

on 29.6 mc mobile after converting a Link to 12 volts and is running an ear-shattering 12 watts. Have noticed that 29.6 mc seems to be a dead spot on the receiver lately.

Heard K9MOP running his new Apache at 2 am the 8th. Sounded good.

At our last meeting, elections were to have been held for the coming year. Not enough showed up to hold it. Can't figure out whether everyone had a previous engagement or stayed away to keep from being swept into office. The suggesting was made at the last meeting to form a group including the president, the past president, and a few others to pick a slate for the election. Anyone desiring to nominate his own candidate could do so at the time of the election.

New hams in town; KN9PAR Morris Johnson, 5225 Chadwick; KN9PDB, Fred Meyers Jr, 3102 Bellemeade; KN9ENJ Earl Green, 1700 North Red Bank Road, KN9PDI Keith Cohoon, 5200 Washington; K9PTI Bill Welborn Jr 968 Lombard.

Am tentatively planning to get to see Walter Ashe Tuesday the 18th. Plan to leave early and be back the same evening. Anyone desiring to go along call me by Monday Nov 17th.

See you at the dinner meeting and election of Officers Nov 19th.

"EVANSVILLE'S HI-FI HEADQUARTERS"

BEST BRANDS: RECORD CHANGERS, AMPLIFIERS, SPEAKERS

RADIO AND TV: TUBES, PARTS, ANTENNAS AND FEED LINES

WESCO

428 W. PENNSYLVANIA

ANNUAL DINNER MEETING

By W9AIN

Our annual dinner meetings have been one of our more pleasant meetings each year. Entertainment included some good food with speakers like W9KDV, W9DPI, magicians and movies.

This year we are fortunate in having Albert W Schoettlin, W9UMS our past President for two years. Al will show us the fine color pictures he took during his trips to the Philippines and Japan during the past summer. These pictures will include some amateurs active on the opposite side of the world since he was wined and dined by our fellow hobbiest almost everyday. Not all of us will be as fortunate to make a trip to this portion of the world but we can enjoy the fine pictures with one of our own members.

W9BBN, his XYL, and W9AIN meet with the college cafeteria manager to complete the details regarding the time, space, menu and we can assure a delighting and apetzizing dinner in a space reserved for our meeting.

Wednesday November 19th at 630 pm is the date and dinning room B at Evansville College Union Building is the place. Monday November 17th. Reservations must be reported to

the College so please return your card or call W9AIN at GR64238 not later than November 17th.

This will be our annual dinner meeting and as there was no quorum at the last meeting, so this will also be Election Night all over again. See you there early.

SPARKS

NOVEMBER

1958

W9DGA Editor

K9JQN Printing and Circulation

W9MWM Advertising

As the meeting was moved up earlier than usual, and last minute notification in a round about matter the paper should be put out earlier, this is a much smaller edition than usual. Send your information to W9DGA 2900 East Oak Street Evansville 14, Indiana so as to be received by December 10, for the December issue.

FOR SALE. Gonset Communicator II, 6 volts 2 meter, mobile antenna, shure mobile microphone, new 10 element beam and all power connections for \$125.00. Call Thom Bonifield at HA2-2814. (Tom you owe the editor 2 cents for two postage due stamps.) You also used wrong address.

RCA

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COMPLETE LINE OF COAXIAL CABLES, RELAYS AND MOBILE ANTENNAS

OHIO VALLEY
SOUND

20 E. SYCAMORE - 1/2 BLOCK EAST OF MAIN

By W9AIN

Jim Russelburgh K9JQN takes top spot for mobile operation with a signal that is sharp with a good punch. W9WUH is also very active but is having modulation trouble. W9OG is on mobile when not near his home QTH as he don't care to educate his near neighbors with amateur procedure. Ray is also fixed with his DX-100 and continues to furnish K6 JQZ with his mother here in Evansville. Earl W6JQZ puts an A-1 signal in here almost every week end. KL7BTP Kermit Seifert and Ex TARS member was successful in contacting W9RBV and W9JTU on Saturday October 25th. Bob W9MJU set up a schedule on October 22nd, and we were pleased Kermit was successful. During the QSO between W9JTU and Kermit, W9AIN was QSO with KL7CRE and was unable to join the schedule.

K9GEO and K9JQN hid a transmitter the evening of November 3rd near mesker park with eight or ten cars hunting. W9UMS came in first. Heard Bob W9AZJ on 29.6 mc during the month. K9HCE is on more fixed than mobile since his scooter and and automobile tangles recently.

We all welcome K9PTI to the conditional class with a first class signal and a fine receiver.

K9JQY is another new conditional on 29.6 mcs with a good signal. W9MVX was on 29.6 mc with some technical antenna trouble. W9NZC, W9UMS, W9MKZ, K9EKV, K9JSK, K9MVX were some transmitter hunters.

K9JOB, W9BKQ, and W9BBW attended the october meeting. W9LXW covered the east side with his signal recently, would like to hear him more.

Don't forget the annual meeting at Evansville College Union Building and be early at least by 630 pm on November 19th. W9UMS will show his pictures of Japan and the Philipines at the meeting, put the big election of Officers for the coming year of 1959.

XMTR HUNT

Big Transmitter Hunt 2 P.M.

Sunday November 23, at 2 pm.

Meet at Bossie Field to have your Speedometer checked.

BIG TRANSMITTER HUNT

Don't forget the big Election.

Globe Chief(Wired) Like new.....	\$ 50.00
PHILMORE TRANSMITTER (WIRED).....	20.00
6 METER TRANSMITTER.....	65.00
VIKING VFO (WIRED).....	50.00
SX-24 RECIEVER(USED).....	75.00
SX-28 " " ".....	90.00
S-76 " " ".....	90.00
MASCO HI-FI AMPLIFIER.....	35.00
STEREO HI-FI....WE STOCK COMPLETE SYSTEMS, CONVERSION UNITS, CARTRIDGES.	
GET IN ON THE NEWEST IN HI-FI!!!!!!	

CASTRUP

1014 W. FRANKLIN ST.



SPARKS

PUBLISHED BY AND FOR MEMBERS OF THE

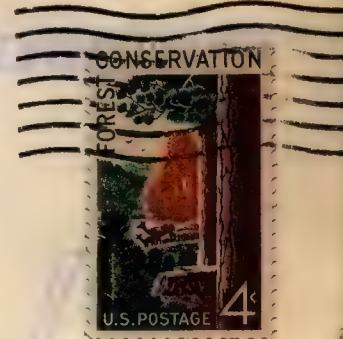
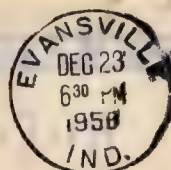
Tri-State Amateur Radio Society

EVANSVILLE, INDIANA

AN AFFILIATE OF THE AMERICAN RADIO RELAY LEAGUE

A MEMBER OF THE INDIANA RADIO CLUB COUNCIL

RETURN TO
Main P.O. Box No. 51
Evansville, Indiana



TO

Clifford McGuyer
2900 E. Oak St.
Evansville, Indiana

L9DGA

"LETTERS"

Editor SPARKS:

Thank you very much for your nice card and for your concern of our son Paul. Paul is doing very good considering the effects of his operation and all. He enjoys getting mail very much and he certainly has received a lot. I would say that he has received at least 3,000 QSL cards alone, and many many more cards and letters, and also many packages. The cards were sent from all parts of the world, such as Spain, England, France, and Germany, Territory of Hawaii, and practically every state in the United States. Some day we are going to attempt to answer all of them.

Paul is progressing as well as can be expected, and we are doing everything we can to make his life a happy one, and the many friends of Paul are certainly helping in every way and we would like personally to thank each and everyone for all of their concern and interest in our son Paul.

I hope this little bit of information will be sufficient to

print in your Amateur Radio Paper, and thank you and all of the Ham operators for their concern and help.

/s/ Mr & Mr J W Jones
Chula Vista, California.

ARRL Bulletin. Radiation of harmonics by amateurs in violation of FCC rules continues to require attention. To avoid violation, FCC urges newer amateurs especially to make sure their transmitters are tuned to the desired output frequency and not to any harmonic. All amateurs should also have others nearby check their signals for harmonics and send word to any heard in the 11, 5.4, 7.4 Mc or other frequency ranges. Corrective measures should be taken where necessary. The Handbook and several QST articles bear on the subject. Consult the December QST Index for these. Also note the article in August 1958 QST on antenna couplers for avoiding radiation of harmonics and other spurious signals.

Merry Christmas and a Happy New Year to All from All TARS members.

HI-FI HEADQUARTERS

WESCO

MERRY CHRISTMAS AND A HAPPY NEW YEAR

428 W. PENN ST

By W9KVE.

Talked to Scotty Chase KR6OJ on Okinawa on 10 meter SSB, 28,650 Kcs. Scotty previously was on Iwo Jima using the call KA0SC but was transferred to Okinawa recently. He has a HT32 and a 75A4 receiver. Scotty says he will be transferred back into the states in May and has asked for assignment at Scott Air Base I11 or the air base at Columbus Indiana, so that he can be close to home.

Scotty says he is usually on the air Fridays and Saturdays between 530 pm to 800 pm our time. He passes his regards along to the local gang and says he also frequently checks 29.6 mc for the local fellows.

He says Okinawa is becoming very well populated now and that there is a 4 lane highway in the southern part of the island that is loaded with traffic as Hwy 41 South on Saturday night. He said he is temporarily back on foot as he had his operator's license suspended because of speeding.

"FIELD DAY RESULTS"

After awarding the Field Day Plaque to Michiana Radio Club, the following scores were announced. Michiana 1860, Lafayette 1416, Kokomo 1215, Peru 894, Cass County 488, Ft Wayne 396, and Tri-State Amateur Radio Society 390.

Notice TARS went from top contender in one year to a has been.

OFFICIAL ARRL BULLETIN. On League request for cw segments at the low ends of 50 and 144 mcs bands, the Federal Communications Commission has taken action granting 100 kc exclusively cw segments but locating them at 50.9 through 51.0 mcs and 147.9 through 148.0 mc. These sub-bands are restricted to cw operation effective January ten.

MERRY CHRISTMAS AND A HAPPY NEW YEAR.

The order of listing in the following indicates the general importance or degree of FCC effort posed the FCC personnel in Amateur Service operations. It was mentioned that in one recent analysis of 162 violations for which official or advisory notices were issued, that 66% of these were identified as Novice Harmonics. Here is the FCC tabulation, itemized for brevity:

1. Harmonics; 2. Failure to Identify; 3. Third Party Traffic (international work in violation of Article 42); 4. Off Frequency; 5. Radiotelephone Modulation Products in CW part of band; 6. Chirpy unstable, rough signals and key click; 7. Surious radiations (key up radiation, or splatter on modulation peaks; 8. Using a sideband which is out of the sub-band; 9. Overmodulation; 10. Novice and Technician using unauthorized bands; 11. Failure to Identify in required periods. 12. Testing with unmodulated carriers; 13. Out of band operation. 14. Unlicensed Operation, using non-assigned calls.

Amateurs generally should specify their calls more precisely, either cw or phone, to avoid mis-identifications. It seems that one in every five stations reported as bootleg are that, others being cases of misidentity.....

"I do notice a large increase in chirpy signals on 20 cw-- no doubt due to the influx of Novice hams becoming Generals. They are quite easy to detect due to their habit of punctuating everything with comma and periods. Hi. I also have noticed some of the wheels that, after the first call on some juicy piece of DX, using a T9 note, they deliberately throw the switch, cutting in a nice T7 or less note possibly they cut the filter condensers out.." Al Burnett, W1JNV.

ARRL Election Results. Central Division Director. W9GPI 2388, W9UQR 1250. Vice Director. W9HPG 1589, W9HPJ 1152, and W9MVZ 873.

MERRY CHRISTMASS AND HAPPY NEW YEAR.

From COLLECTOR and EMITTER
Via CQ News.

"CLASS IS RELATIVE"

Listening across the 50 mc band is an enlightening experience. Aside from finding it an ideal band for good, solid contacts with the local gang, one hears a new slant on amateur radio. For instance, one hears General Class amateurs being spoken of with a certain tone of awe. This comes as something of a shock to amateurs who have been in the game a few years and recall when the General Class license was considered the "grade school" in the educational ladder of amateur radio. That, of course, was before the "kindergarten" classes (novice and Technician) became numerous. The Advanced class constituted the "high school" level with the Extra class topping off the "college level".

No really serious operator considered a "grade school" level an accomplishment to be proud of; he thought of it as a necessary evil to be put up with for a year before he became eligible to

graduate into the "high school" class. Now, sad to relate, the "high school" class has been deleted, and the student of amateur radio must take the long leape from "grade school" to "college". Few undertake the formidable task, which is to be regretted. Still, the "college" level is the goal to be desired; all others are wayposts.

From AMA*CHEWER via COLLECTOR
EMITTER, Via CQ News.

HI HI ROGER ROGER BREAK BREAK BREAK

Definitions:

Hi Hi - extremely funny, but not quite humorous enough for a genuine laugh.

Hi Hi Hi Hi - Ultra - extremely comical but not quite hilarious enough to merit deep-seated laughter.

Roger Roger Roger - My receiver works fine.

Break Break Break Break - I haven't time for my call letter; hurry up and let me transmit.

MERRY XMAS

HAM HEADQUARTERS

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1014 WEST FRANKLIN STREET

"SHOTS FROM HERE AND THERE"

By K9JQN

Well, here it is, the end of the year and we can't get enough people to a meeting to hold an election. Pretty Sad!!

The past month has seen the formation of a new ragchew net. This one is called the TRADEWIND NET, and is so named because that is what they do. They meet each evening after the skip signals retire somewhere out in space. So read SPARKS then tune to 29.2 mcs for the news not worth printing. (Their own statement, so help me)

This past month also has seen two consecutive quad antennas at the QTH of K9MKI. Number one quad died the first night of its young life and reports reaching here say that quad number two is very sick. K9JUN is putting up a ten meter beam also. Hear that K9JQH is confined with an ailing transmitter. Ventured out to the west side and looked over the new DSB-100 at K9JRI's place.

We were getting ready to test it with my mobile and the Malibu Forest Fire took over the frequency for emergency traffic.

Also spent a very interesting morning at the TV station across the river, with K9PTI as host. Was introduced to every one from the Star performers there to the neon light bulb used to check the stray RF. I had absolutely no idea.....

Newcomers to the phone portion of the band include K9LVN, and K9KQV. Want to compliment K9JQY on the fine signal put out by his new Ealiant. Also KN9PNJ on 24 states confirmed after only two months on the air. Don Weber, Kearnie Smith, and the Rev Jelks have all taken their novices and will be on soon, and be making their own QRM.

Want to mention the fact that one evening the other week, K9JSK, another friend and myself were returning from St Louis, and began

calling CQ on 29.6 mcs as we approached Mt Vernon, Indiana. I called all the way, as I was dropping the aforementioned friends off, and was only a few blocks from home, when W9UMS gave a call from his mobile as he was on his way home from a meeting. Where are all the former hams who occupied 29.6 mcs in the past?????

SPARKS

DECEMBER

1958

Am very sorry not to have any information on the TARS December meeting, such as time, place, and program. The information was not forthcoming.

This completes another year of TARS SPARKS for me and due to circumstances beyond my control it will have to be the last in the near future. Some have enjoyed getting it together for you. Thanks go to K9JQN and W9MWM for their important help. 73. W9DGA.

From the RF Carrier from Dayton.

CURTAINS FOR THE BLIND

Two regulations of the FCC are being overlooked or ignored by many local operators that could mean losing of license if the Radio Inspector should drop into your shack. First of which is, Friend Charlie. Charlie says that each station must have means of accurate calibration other than his transmitter or receiver. How many have Xtal Calibrators or Frequency meters that can be checked periodically with WWV? Fine. Secondly, do you all have CONELRAD Monitoring on when on the air? FCC would not like it if he knew you were skipping that regulation.

From ARRL QSL BUREAU, Julian F Oberg
W9DSO, 2601 Gordon Drive, Blossmoor
Illinois.

I notice in checking through my "No Envelope" file recently that there are quite a few cards for Evansville and Vincennes stations. I can't recollect their calls but I'd appreciate it if you'd urge the gang down your way to send me at least one envelope. It only costs a nickle and they might get a surprise.

From THE YARC MITTER, via CQ News.

"DO YOU KNOW THIS FACT ABOUT AMATEUR RADIO"

It was in 1924 that amateur radio opened the eyes of the United States Navy to the possibilities of short wave communication. The Communications manager of the ARRL took a leave of absence to join the Pacific Fleet on its maneuvers throughout the Orient. When he reported for duty, his entire equipment was contained in two large grips; the naval operators, knowing the size and cost of standard Navy transmitters, were highly amused. They called his set a "pin box", and on the cruise the amateur was totally ignored and allowed to amuse himself as best he could. When the fleet reached Hawaii, he was instructed to send a message of greeting to ARRL headquarters in Hartford. The Commander expected that, in usual amateur fashion, the message would be relayed in a number of jumps before reaching Hartford (if it ever did) and was surprised when an answer was re-

ceived from Hartford withing fifteen minutes. "How could your amateurs relay so quickly?" he wanted to know. "That message ~~wasn't~~ wasn't relayed, I was in direct contact with Hartford", said the amateur. When you realized that the great 8000 watt transmitters of the Navy could only broadcast about 1600 miles under the most favorable conditions, you can see why a pin box in contact 4000 miles away startled them.

From SHORT SKIP RADCO CLUB BULLETIN
via CQ News.

Those of you who work DX, know that working a new country is one thing; trying to get a QSL confirming the contact may prove even harder. The practice of sending IRC's may work in some cases, but in many foreign lands they can't redeem them. So send them stamps from their own country. Send for a price list to DX Stamp Service, 466 Weaver Road Webster N Y. In comparison to the number of IRCs needed it is truly a bargain to use this method and may be much better in long run.

RCA

HALLICRAFTERS

OHIO VALLEY
SOUND

20 EAST SYCAMORE - $\frac{1}{2}$ BLOCK EAST of MAIN